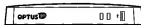


MAKE SURE YOU HAVE THESE BITS AND BOBS HANDY

NBN WIFI MODEM



Heads-up: This modem will restore your setting, so make sure you have it.

WIFI INFORMATION CARD



POWER ADAPTER



ETHERNET CABLE x 2

Check and read the network card if you want to hook up your computer directly.



YOUR OPTUS WELCOME LETTER



INSTALLATION GUIDE

(the tiny green booklet)



PHONE CABLE

Check, only if you're connecting your phone channel



ADSL2+ LINE FILTER

Check, but you won't need it, you have access to the NBN



IMPORTANT INFORMATION FOR NBN CUSTOMERS: Equipment supplied requires mains power which may not be suitable if you have a serious illness or condition, require disability services, have a back to base alarm, or require an uninterrupted telephone line. In which case, please give us a shout to discuss other options.

ON YOUR MARKS, GET SET...

DON'T JUMP THE GUN!
YOU NEED TO READ THIS BEFORE STARTING YOUR INSTALL.

→ HAS NBN FINISHED THE JOB?

In most cases, NBN will activate your Connection Box during installation. However, sometimes it takes a little longer, so it's a good idea to ask your NBN technician to confirm the status before they leave.

If you attempt your Self Install before the Connection Box is active, the lights on your Optus WiFi Modem won't flash (as described in Step 1, Part 4). If this is the case, just leave your modem connected. Once the Connection Box is activated, your modem will complete Step 1 automatically. When the modem lights have come on you can switch on to Step 2.

If your NBN Connection Box has been inactive for more than three hours, give us a call on **1300 300 427** to check the status.

→ TRANSFERRING PHONE NUMBERS

If you are transferring your phone number to Optus from another carrier, it may take a day or two to complete if you started your self install outside the standard hours of 8.30am-4.45pm, Monday to Friday AEST.

You will be able to make calls once your modem is activated, however, you won't be able to receive calls to this number until the transfer is complete.

So to avoid any interruption, we recommend you stick to standard hours. Otherwise, we'll kick you in SMS to let you know when it's back on deck.

...GO!

1. Display

3 1/2 digit, 7 segment, 15mm high LCD.

2. Back light (option)

When this button is pushed, the Back light of display is on. After about 5 seconds, the Back light is self-off. The Back light is on again, just push this button once.

3. Function and range switch

This switch is used to select functions and desired ranges as well as to turn on/off the meter.

4. Hold function

When this button is pushed, the display will keep the last reading and "H" symbol will appear on the LCD until pushing it again.

5. "10A" jack

Plug in connector for red test lead for 10A measurement.

6. "COM" jack

Plug in connector for black (negative) test lead.

7. V/QmA jack

Plug in connector for red (positive) test lead for voltage, resistance and current (except 10A) measurements.

SPECIAL NOTES ON LCD MONITORS

The following symptoms are normal with LCD monitor and do not indicate a problem.

NOTES

- Due to the nature of the fluorescent light, the screen may flicker during initial use. Turn off the Power Switch and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- The LCD screen has effective pixels of 99.99% or more. It may include blemishes of 0.01% or less such as a missing pixel or a pixel lit all of the time.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the Power Switch for hours.

BEFORE YOU OPERATE THE MONITOR

FEATURES

- 48cm(19") TFT Color LCD Monitor
- Crisp, Clear Display for Windows
- **Recommended Resolutions: 1280 X 1024 @60Hz**
- EPA ENERGY STAR[®]
- Dual Input (DVI + Analog) (Only dual-input model)
- Ergonomic Design (TCO'03 Approved)
- Space Saving, Compact Case Design

CHECKING THE CONTENTS OF THE PACKAGE

The product package should include the following items:

1. LCD Monitor
2. Owner's Manual
3. Power Cord
4. 15-pin D-Sub Cable
5. DVI Cable (Only dual-input model)
6. Audio Cable
7. Pivot Software (Only AL1922 r)
8. Quick Start Guide

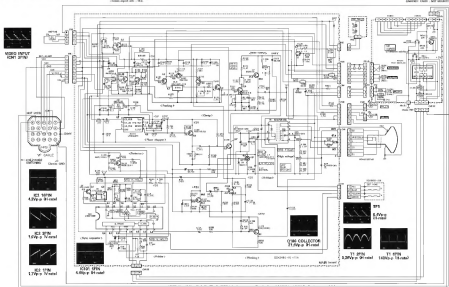
Conventions

The following conventions are used in this manual:

SCREEN MESSAGES	Denotes actual messages that appear on screen.
NOTE	Gives additional information related to the current topic.
WARNING	Alerts you to any physical risk or system damage that might result from doing or not doing specific actions.
CAUTION	Gives precautionary measures to avoid possible hardware or software problems.
IMPORTANT	Reminds you to do specific actions relevant to the accomplishment of procedures.

- **Werbung:** (Werbung) wird durch die Werbung
 - **Werbung:** (Werbung) wird durch die Werbung
 - **Werbung:** (Werbung) wird durch die Werbung
 - **Werbung:** (Werbung) wird durch die Werbung

NAME: SURNAME:
 EMAIL: PHONE:
 ADDRESS: CITY:
 COUNTRY: ZIP:



OPERATION USING ADJUSTABLE DIAL SWITCH

To adjust desired temperature and program the timer.

Select the desired temperature by turning Adjustable Dial Switch when setting the unit in cooling or heating function. The indoor temperature range is from 16°F/9.4°C/11.4°C (1°C). The LED flashes to display the desired temperature during the setting. It displays the room temperature after it is done.

Press Timer On/Off button turn adjustable dial switch to change the clock to the desired time for the unit being turned on or off.

ADJUSTABLE and OSCILLATING LOUVERS

Manual Horizontal Louvers



Automatic Oscillating Louvers



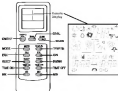
REMOTE CONTROL PREPARATIONS & OPERATION



1. Remove the cover from the back of the remote control.
2. Insert two AAA dry cell batteries (batteries included).
3. Insert the power plug into the outlet.
4. Always point the remote control signal transmitter toward the unit when operating.
5. Make sure that the signal path is not obstructed.
6. The maximum distance at which signals can be received is 30 ft (9.1 m).
7. Remove the batteries if the unit is not going to be used for an extended period of time.

NOTE:

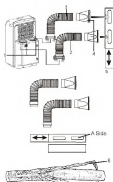
1. Do not shake the remote control in a location that is exposed to dust, dirt or mist in a heating unit or other heat source.
2. Do not use interchangeable batteries because they differ from standard dry cell batteries in shape, dimensions and pulse reverse.
3. Do not use the batteries with two new batteries of the same type.



REMOTE CONTROL FUNCTIONS

1. **POWER**
Press the Power On/Off button.
2. **MODE**
Used to select warm, cool, or fan.
3. **COOLER**
Used to select cool, fan, or auto.
4. **MODE**
Used to select the function of the unit for Fan Mode, Air Conditioning Mode, Heating Mode, Emergency Mode, and Auto Mode.
5. **TEMP**
To display temperature or humidity on both LED and LCD, hold the button more than 2 seconds. To convert the temperature display from Fahrenheit (°F) to Celsius (°C) and vice versa, Press the button for less than 2 seconds to use the function.
6. **FAN**
Select the fan speed: High, Medium and Low. The fan speed can be visually indicated by the speed of the signal or signals progressing out from the unit and change on the Allen LED display.
7. **SWING**
To start swinging or stop on fan only by press SWING button once. It appears on the Allen LED display. To stop, press SWING again. Vertical air flow is on and horizontal air flow is off.
8. **SLEEP POSITION**
Press the Sleep Position button. It appears on the Allen LED display, press again to stop.

EXHAUST KIT INSTALLATION

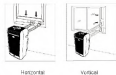


WINDOW INSTALLATION

1. Exhaust Parts
- 2-3. Air Outlet / Inlet Hoses: Extends from 13" (400mm) up to 5.9 ft (1.8m)
4. Window Exhaust Adapter (2)
5. Adjustable Window Panel
6. Insulated sleeves

Window Kit: Extends from 29.375" (720mm) up to 42.5" (1080mm)

NOTE: Air outlet hose should be mounted at A side.



Horizontal Vertical



1. Select a suitable location, making sure you have easy access to an electrical outlet.
2. Remove the 2 hoses, 2 window exhaust adapters, 1 window panel kit.
3. Insert the end of the hose with the round connector into either the air inlet or air outlet hole on the back of the unit. Turn the hose clockwise to secure the hose into the hole. Do this for both hoses.
4. Slide the window exhaust adapters on both hoses by turning them clockwise.
5. Insert the air and window exhaust adapter into the left hole of the window panel kit. Then insert the air outlet window exhaust adapter in the right hole of the window panel kit.

NOTE: When opening the unit in HEAT MODE, check out the exhaust hose (A) to their full length, and wrap the insulated sleeves (B) around the hoses and secure with the velcro. Be this before installing the flexible hoses into the air inlet and outlet ports on the back of the unit.

NOTE: 2. While operating or installing, the hoses should not be blocked by curtains or any other obstructions.

11. Click **ok**.

Adding 802.1X Devices

To add an 802.1X device:



**NAC 800 home window>>System configuration>>Quarantining>>802.1X
Quarantine method radio button>>Add an 802.1X device**



Figure 3-26. Add 802.1X Device Window

1. Enter the IP address of the 802.1X device in the **IP address** text field.
2. Enter a shared secret in the **Shared secret** text field. The shared secret is used to encrypt and sign packets between the device and RADIUS server.
3. Re-enter the shared secret in the **Re-enter shared secret** text field.
4. Enter an alias for this device that appears in log files in the **Short name** text field.
5. Select an 802.1X device from the **Device type** drop-down list.
6. Enter the configuration settings for the specific device:
 - **Cisco IOS** – See “Cisco IOS” on page 3-62.
 - **Cisco CatOS** – See “Cisco CatOS” on page 3-63.
 - **Enterasys** – See “Enterasys” on page 3-65.
 - **Extreme ExtremeWare** – See “Extreme ExtremeWare” on page 3-67.
 - **Extreme XOS** – See “Extreme XOS” on page 3-69.
 - **Foundry** – See “Foundry” on page 3-71.

GRAPHIC EQUALIZER



This unit provides the following three different equalization curves.

ROCK: Powerful sound emphasizing treble and bass

POP: More presence in the vocals and midrange

CLASSIC: Enriched sound with heavy bass and fine treble

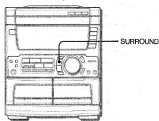
Press the **GEQ** button repeatedly until the desired equalization curve is displayed.



To cancel the selected mode

Press the **GEQ** button repeatedly so that **GEQ OFF** appears on the display.

DSP SURROUND SYSTEM



The DSP (Digital Signal Processor) surround system can recreate the effect of sounds reflected from walls or ceilings. This system enhances 3 types of sound presence.

DISCO: Sound presence of a disco

LIVE: Sound presence of a live music performance

HALL: Sound presence of a concert hall

Press the **SURROUND** button repeatedly until the desired **SURROUND** mode is displayed.



Equalization curves are selected automatically to match the **SURROUND** modes and can also be selected or turned off to suit your preference.

When the music source is monaural

Select **LIVE** to obtain a simulated stereo effect. When **DISCO** or **HALL** is selected, no sound will be heard from the surround speakers.

To cancel the selected mode

Press the **SURROUND** button repeatedly so that **SUR OFF** appears on the display.

While **SURROUND** mode is off, no sound is heard from the surround speakers.

NOTE

When the **MIC** or **ECHO** level is changed (page 18), the **SURROUND** mode is automatically canceled.

Using the headphones

Connect headphones to the **PHONES** jack with a stereo standard plug (ø6.3 mm, 1/4 inch).

No sound is output from the speakers while the headphones are plugged in.

Sound adjustment during recording

The output volume and tone (except **BBE**) of the speakers or headphones may be freely varied without affecting the level of the recording.

NOTE

When playing back a tape recorded with **BBE**, it is recommended that **BBE** be set to off to avoid distorted high frequency sound.

Colour Television

14PT1324

Product highlights

- Contrast Plus
- Personal Preference Key
- Sleep timer
- Plug and Play Installation



Plug & Play



Remote control unit varies with model



Miglioriamo il tuo mondo.



PHILIPS



FUNCTIONS OF TV CONTROLS



1

2

3

not applicable

1	Mains Power button	Switch mains power on or off.
2	Standby Light indicator	Indicate red light when standby mode is activated.
3	Remote Sensor	Acts as a sensor for activating the controls of the TV when remote control handset is aimed at it.
4	Volume + / - button	Adjust sound volume louder/softer.
5	Channel + / - button	Select channel in ascending/descending order.

Note

- You can enter the main menu by pressing both the **Volume +** and **-** buttons at the same time.
- Press the **Channel +** or **-** button to select the next item on the menu.
- Press the **Volume +** or **-** button to access the sub-menus and adjust the settings



Returning to the factory settings

Adjusted settings of VOL, BASS, TRE, BAL, FAD, H-BASS, and source level can be returned to the factory settings with a simple operation.

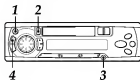
- 1** With the unit off, press and hold DISP for more than 2 seconds.

The "LA--" indication appears, and all sound settings are returned to the factory settings.

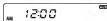


LA--

CONNECTING A PORTABLE CD/MD/MP3 PLAYER OR OTHER EQUIPMENT



- 1** Press PWR to turn the unit on.
- 2** If a cassette is inserted, remove it to prevent possible damage to the unit.
- 3** Connect a portable CD/MD/MP3 player, etc., via the AUX IN jack (3.5-mm dia.) of the unit.
- 4** Press FUNC repeatedly to select AUX IN mode to output sound received from the connected equipment.
The "AUX" indicator appears.
The clock display appears.



* For further information on the portable CD/MD/MP3 player, etc., refer to the operating instructions for that equipment.

Informationen zu Sicherheit und Komfort

Deutsch

Lesen Sie sorgfältig diese Anweisungen. Heben Sie das Dokument für einen späteren Gebrauch auf.
Befolgen Sie alle auf dem Produkt befindlichen Warnungen und Anweisungen.

Auf die Stromversorgung achten

Die Stromversorgung des Gerätes muss mit der Angabe auf dem Typenschild übereinstimmen. Sind Sie sich hinsichtlich der Spezifikationen Ihres Stromnetzes unsicher, dann nehmen Sie bitte mit Ihrem Händler oder Stromanbieter Kontakt auf.

Instandsetzen des Produkts

Versuchen Sie niemals das Produkt in eigener Regie zu reparieren. Durch Öffnen des Gehäuses setzen Sie sich Hochspannung und anderen Gefahren aus. Überlassen Sie die Reparatur qualifiziertem Kundendienstpersonal.

Weitere Sicherheitshinweise

- Blicken Sie niemals direkt in das Objektiv des Projektors, wenn die Lampe eingeschaltet ist. Das helle Licht kann Ihren Augen schaden.
- Verwenden Sie das Gerät nicht in folgenden Umgebungen:
 - Eine Stelle, wo es eine hohe Feuchtigkeit, übermäßigen Staub oder Zigarettenrauch gibt. Dies kann die optischen Komponenten verschmutzen, die Standzeit des Gerätes verkürzen und das Bild verdunkeln.
 - Eine Stelle, deren Umgebungstemperatur über 40 °C/104 °F beträgt.
- Trennen Sie unverzüglich den Projektor vom Netz, wenn irgendetwas mit ihm nicht stimmt. Betreiben Sie das Gerät nicht, wenn der Projektor Rauch, komische Geräusche oder Geruch abgibt. Ein Brand oder elektrischer Schlag kann die Folge sein. Trennen Sie in diesem Fall unverzüglich den Projektor vom Netz und nehmen Kontakt mit Ihrem Händler auf.
- Richten Sie das Projektorobjektiv nicht auf die Sonne. Ein Brand kann die Folge sein.
- Blicken Sie nicht während des Betriebs des Projektors in das Luftaustrittsgitter. Dies kann Ihren Augen schaden.

Anweisungen zur Entsorgung

Entsorgen Sie das elektronische Gerät nicht mit dem Hausmüll zusammen. Bitte recyceln Sie das Gerät, um die Umweltbelastung zu minimieren und die Umwelt zu schützen. Für weitere Informationen zu den Regelungen über Elektro- und Elektronik-Altgeräte (WEEE) besuchen Sie bitte <http://www.acer-group.com/public/Sustainability/sustainability01.htm>



Bestimmungen und Sicherheitshinweise

FCC-Erklärung

Dieses Gerät wurde geprüft und hat sich als mit den Grenzwerten für ein Digitalgerät der Klasse B gemäß Teil 15 der Bestimmungen der amerikanischen Bundesbehörde für das Fernmeldewesen FCC (Federal Communications Commission) konform erwiesen. Diese Grenzwerte geben einen angemessenen Schutz gegen schädliche Funkstörungen innerhalb von Wohngebäuden. Dieses Gerät erzeugt und verwendet Funkfrequenzenergie, die ausgesandt werden kann und bei unsachgemäßer, nicht der Anleitung des Herstellers entsprechender Installation und Verwendung schädliche Störungen des Rundfunkempfangs verursachen kann. Es gibt jedoch keine Garantie, dass bei einer bestimmten Installation keine Störungen auftreten. Kommt es durch das Gerät zu Störungen im Radio- oder Fernsehempfang, was sich durch Ein- und Ausschalten des Geräts überprüfen lässt, sollte der Benutzer versuchen, die Störung durch eine oder mehrere der folgenden Maßnahmen zu beheben.

- Richten Sie Ihre Empfangsantenne neu aus, oder stellen Sie sie an einem anderen Ort auf.
- Vergrößern Sie den Abstand zwischen dem Gerät und dem Empfänger.
- Schließen Sie das Gerät an eine Steckdose an, die nicht von demselben Stromkreis wie die Steckdose des Empfängers versorgt wird.
- Wenden Sie sich an den Händler oder einen erfahrenen Radio-/Fernsehtechniker.

Hinweis: Abgeschirmte Kabel

Um weiterhin die Anforderungen der FCC-Bestimmungen zu erfüllen, müssen abgeschirmte Kabel bei allen Verbindungen mit anderen Computergeräten verwendet werden.

Hinweis: Peripheriegeräte

Nur die Peripheriegeräte (Ein-/Ausgabegeräte, Endgeräte, Drucker etc.), die für die Konformität mit den Klasse B-Grenzwerten zertifiziert wurden, dürfen mit diesem Gerät verbunden werden. Der Betrieb mit nicht zertifizierten Peripheriegeräten kann Störungen im Radio- oder Fernsehempfang verursachen.

Achtung

Durch Änderungen oder Modifikationen, die nicht ausdrücklich von dem Hersteller genehmigt wurden, kann die von der Federal Communications Commission erteilte Gerätebetriebsbefugnis des Benutzers ungültig werden.

Betriebsbedingungen

Dieses Gerät erfüllt alle Anforderungen des Teils 15 der FCC-Bestimmungen. Der Betrieb unterliegt den folgenden zwei Bedingungen: (1) Das Gerät darf keine schädlichen Störungen verursachen. (2) Das Gerät muss störfest gegen aufgenommene Störungen sein. Das betrifft auch solche Störungen, die unerwünschte Betriebszustände verursachen könnten.

Hinweis: Für Benutzer in Kanada

Dieses Digitalgerät der Klasse B erfüllt alle Anforderungen der kanadischen Bestimmungen ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CE-Konformitätserklärung

Hiermit erklären wir, dass das obige Produkt mit den grundlegenden Anforderungen und anderen relevanten Abschnitten der EMV-Richtlinie 2004/108/EG, der Niederspannungsrichtlinie 2006/95/EG, der RoHS-Richtlinie 2011/65/EU und der Richtlinie 2009/125/EG zur Schaffung eines Rahmens für die umweltgerechte Gestaltung energieverbrauchsoptimierter Produkte übereinstimmt.



LA TR 002

Regulatory Information

For your protection, this product has been tested for conformance to various national and international regulations and standards. The scope of this regulatory testing includes electrical and mechanical safety, electromagnetic emissions, immunity, acoustics and hazardous materials.

When required, approvals are obtained from third party test agencies. Approval marks appear on the product label. In addition, various regulatory bodies require some information under the headings listed in this section.

Safety

This product has not been evaluated for connection to an "IT" power system (ac distribution system having no direct connection to earth according to IEC 950).

Locate the AC outlet near the computer! The ac power cord is this product's main ac disconnect device and must be easily accessible at all times.

Battery Notice

This product contains a Lithium battery.

This battery is not to be removed or replaced by the user. If the battery needs to be replaced, contact your Hewlett-Packard authorized service personnel.

CAUTION

Lithium batteries may explode if mistreated. Do not recharge, disassemble, or dispose of in a fire.

Please properly recycle all used batteries.

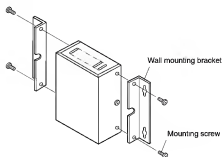
Communication	Modem: 56K ITU V.92 modem with PTT approval, Wake-on-Ring ready LAN: 10/100 Mbps Fast Ethernet, Wake-on-LAN ready Wireless LAN (optional): integrated miniPCI 802.11b/g Wi-Fi CERTIFIED™ solution Acer SignalUp wireless technology support Wireless PAN (optional): integrated Bluetooth®
I/O interface	Three USB 2.0 ports Ethernet (RJ-45) port Modem (RJ-11) port External display (VGA) port Microphone/line-in jack Headphones/speaker/line-out port Type II PC Card slot DC-in jack for AC adaptor
Security	Kensington lock slot BIOS user and supervisor passwords
Software	Acer Launch Manager Acer eManager (eSetting/ePresentation/eRecovery) Acer Arcade Acer GridVista (for selected model only) Acer System Recovery CD Norton AntiVirus™ Adobe® Reader® NTI CD-Maker™
Options and accessories	256 or 512 MB and 1 GB soDIMM memory Li-ion battery pack 65 W AC adaptor
System compliance	Mobile PC 2001 ACPI 1.0b DMI 2.0 Wi-Fi®
Warranty	One-year International Travelers Warranty (ITW)



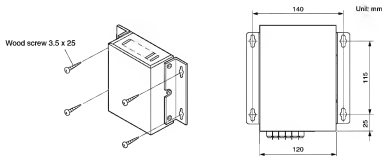
Note: The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.

10.2.2. Wall mounting

Step 1. Remove the 4 mounting screws, and attach the supplied wall mounting brackets to the transformer using the removed screws.



Step 2. Mount the transformer to the wall using the supplied wood screws.



Grill only cooking

This mode can be used to Grill/Brown food.

Example: To make toast for 4 minutes.

1. Press the grill button once.



2. Enter the time by rotating the TIMER/WEIGHT knob clockwise/anti-clockwise until 4:00 is displayed.



3. Press the START/QUICK button.



4. Check the display:



Dual grill cooking

This mode uses a combination of Grill power and Microwave power (90 W to 630 W). The microwave power level is preset to 270 W.

Button	Power setting
Grill x 1	0 W
Grill x 2	270 W
Grill x 3	450 W
Grill x 4	630 W
Grill x 5	0 W

Example: To cook grill skewers for 7 minutes on DUAL GRILL (450 W).

1. Press the grill button 3 times.



2. Enter the time by rotating the TIMER/WEIGHT knob clockwise/anti-clockwise until 7:00 is displayed.



3. Press the START/QUICK button.



4. Check the display:



	nat limit port range size	2-94
	ip address dhcp client-id.....	2-94
	end.....	2-95
	pppoe auto-reconnect.....	2-95
	pppoe mru	2-95
	pppoe mtu.....	2-95
	pppoe unnumbered	2-95
	ip nat outside source static	2-96
	ip address alternate	2-96
	LAN IP interface context.....	2-97
	end.....	2-97
	ip address.....	2-97
	ip address management	2-97
<i>New</i>	tagged	2-97
<i>New</i>	untagged	2-97
	Public access RADIUS attributes context.....	2-98
	end.....	2-98
	active.....	2-98
	credentials	2-98
	interval	2-98
	radius server profile	2-98
	Virtual AP context.....	2-99
	virtual ap name	2-99
	access control	2-99
	force centralize data.....	2-99
	ingress interface	2-100
	egress unauthenticated.....	2-100
	guest-mode	2-100
	max-association	2-100
	ssid name	2-101
	encryption key 1	2-101
	encryption key format.....	2-101
	transmit key.....	2-101
	authentication server access controller	2-102
	authentication server accounting.....	2-102
	authentication server accounting radius profile	2-102
	authentication server radius	2-102
	dot1x authentication	2-102

9.2 Configuration

Click on **Configuration** to display the Configuration page.

Server Device

The **Server Device** page allows you to configure basic settings of the Print Server.

The screenshot shows the 'AirLink 100' web interface for a 'PRINT SERVER'. The top navigation bar includes 'Management', 'Configuration' (selected), 'Tools', and 'Help'. On the left, a sidebar lists 'Configuration' (selected), 'Server Device', 'TCP/IP Protocol', 'NetBEUI Protocol', and 'AppleTalk Protocol'. The main area is titled 'Server Device' and contains the following fields:

- Server Name:** A text box containing 'PS-01D2BC'.
- Location:** An empty text box.
- Admin Contact:** An empty text box.
- Password:** Two text boxes labeled 'New Password' and 'Confirm Again'.
- USB:** A section containing:
 - Port Name:** A text box containing 'PS-01D2BC-U1'.
 - Description:** An empty text box.
 - PJL Printer:** A dropdown menu currently set to 'No'.

At the bottom of the form are 'Save' and 'Cancel' buttons.

Server Name: You can rename the Print Server to a more user-friendly name or keep the factory default name.

Location: You can make note of where the Print Server is located (optional).

Admin Contact: Name of the administrator to contact for help (optional).

Password: You can set a password for the **Web Configuration Utility** so only authorized personnel can access and change the Print Server's configuration.

USB: You can rename the Print Server's port name to a more user-friendly name or keep the factory default name.

PJL Printer: Choosing **Yes** will enable the support for Hewlett-Packard PJP (Printer Job Language) standard for bi-directional printing. (Default is **No**).

Click **Save** to save and activate any configuration changes. Click **Cancel** to cancel the changes.

1

2

Product Information

The Product Information menu displays basic information about the system. These entries are for your reference only and are not user-configurable.



Parameter	Description
Processor Type	Type of CPU installed on the system.
Processor Speed	Speed of the CPU installed on the system.
System Memory	Total size of system memory installed on the system.
System Manufacturer	Name of the manufacturer of this system.
Product Name	Product name of the system.
System Serial Number	Serial number of the system.
System BIOS Version	Version number of the BIOS setup utility.
BIOS Release Date	Date when the BIOS setup utility was released
Asset Tag Number	Asset tag number of this system.

Over the next few pages you'll learn how to block programs and understand the rating terms for certain broadcasts. First, set a personal access code.

1 Press **MENU** to see the menu.

2 Press **▲** or **▼** until **SMART-LOCK** is highlighted.

3 Press **►** again. The on-screen display will read "ACCESS CODE".

4 Use the Number buttons to enter 0711. "XXXX" appears on the screen as you press the Number buttons.

When 0711 is entered correctly, proceed to step 6.

If you enter a wrong digit, "INCORRECT CODE" will appear on the screen. You will be asked to "PLEASE ENTER AGAIN." Enter 0711 again.

5 Press **▼** until **CHANGE CODE** is highlighted.

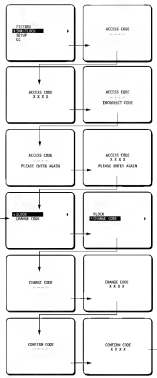
Press **►** to change your personal Access Code.

6 Enter a new four-digit code using the Number buttons. The screen will ask you to confirm the code you just entered. Enter the same new code again. "XXXX" will appear when you enter your new code.

After confirming the new code, the on-screen menu will return to the **BLOCK** option. Continue through the next few pages to learn how to block program ratings.

Or, press **STATUS/EXIT** to remove the menu.

NOTE: If you ever forget your code, the 0,7,1,1 code is the factory default and can be used to enter and create a new one.



H2TU-C Bantam Jacks

The front panel of an H2TU-C module contains both metallic splitting (**EQ**) and monitor (**MON**) bantam jacks.

The **EQ** jacks provide an *intrusive* access point, interrupting signal access to the local loop. This will enable the user to transmit a test signal toward an H2TU-R module and to receive a test signal from an H2TU-R module.

The **MON** jacks, when connected to a bit-error rate test set that is configured for monitor (bridging) mode, provide a *nonintrusive* test access point for observing the transmit or receive signal. In this configuration, synchronization, test patterns, and other functions can be observed.

Alternatively, the **MON** jacks can also be used for intrusive testing toward the network. To utilize this configuration, perform the following steps:

1. Disconnect the H2TU-C DSX-1 interface by opening both the metallic splitting **TX** and **RX EQ** jacks with either a bantam open plug or a bantam test cord that is not terminated.
2. Configure a test set for Terminate mode.
3. Connect the test set to the **MON** jacks. (Test access toward the network equipment is achieved).
4. Connect the output (TRANS) of the test set to the **MON RX** jack, and the input (REC) of the test set to the **MON TX** jack.

NOTE

For additional Bantam Jack testing from the Total Access 3000 H2TU-C (P/N 1181113L2), refer to ["Appendix C, Front Panel DSX and MUX Mode Test Access"](#).

H2TU-R Bantam Jacks

The DS1 monitoring from the H2TU-R is accomplished using the **MON** bantam jacks.

The jacks labeled **MON** provide a test access point for monitoring the transmit and receive signals at the DS1 interface point. The bridging jacks can be used in two different ways:

1. The bridging jack of an H2TU-R module provides a *nonintrusive* tap onto a signal line and permits the connection of test equipment to monitor the characteristics of the signal with the DS1 test set optioned for Bridging mode.
2. If the DS1 test set is optioned for Terminate mode and the customer DS1 is disconnected, then the bridging jack of an H2TU-R module provides an *intrusive* tap and could be used to transmit and receive signals between an H2TU-R module and the network.

Figure 7 illustrates the complete bantam jack arrangement and details for specific jacks.

Camera Function

Rear Camera Function:

The unit is "camera ready." Before accessing any camera features, you must install a rear video camera. When the camera is not installed and the function is accessed by the gear selector being placed in reverse or the unit's menu, touching the **Camera** icon produces no response. When the camera is installed, the rear view image of what is behind the vehicle will appear when the vehicle's gear selector lever is placed in reverse. When the lever is removed from the reverse position, the unit will return to the previous screen.

The rear camera image can be adjusted from the "Setup" menu under the "Video" submenu. The image can be changed from normal to mirror image.



Operating from the remote control unit

Adjusting with the remote control unit using the test tones is only possible in the "Auto" mode and only effective in the STANDARD mode. The adjusted levels for the different modes are automatically stored in the memory.

Adjusting using test tones

- 1 Press the **TEST** button on the remote control unit. Test tones are output from the various speakers.
- 2 Use the **<D>** button to adjust so that the volume is equal for all speakers.
- 3 When the adjustments are completed, press the **TEST** button on the remote control unit again.



- When "System Setup" – "Speaker Configuration" – "Surround Back Speaker" setting (33F page 20) is set to "1spkr", the surround back speaker display is set to "Surround Back Speaker".
- Speakers set to "None" in the "Speaker Configuration" settings are not displayed.
- When "Channel Level" is adjusted, the adjusted values are set for all the surround modes. To adjust the channel level separately for the different surround modes, use the operation see page 37.

Input Setup

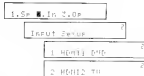
Use this procedure to select the input source and make the settings related to playing input sources.

- 1 **HDMI In Assign**
- 2 **Digital In Assign**
- 3 **iPod Assign**
- 4 **EXT. IN Subwoofer Level**
- 5 **Auto Preset Memory**
- 6 **Antenna Aiming**

1. 2 HDMI In Assign

Select HDMI connector to assign to this source.

[Display]



[Input terminals] HDMI1 HDMI2

[Assignable input sources]

DVD/HDP TV/CBL VCR V.AUX

Input terminals	HDMI1	HDMI2
Default setting	DVD/HDP	TV/CBL



- With HDMI, the video and audio signals are transferred simultaneously. At this time, set the input mode to "Auto".
- The audio signals input from the analog, digital and EXT. IN connectors are not output to the monitor.

NOTE

This cannot be set for input sources assigned at "iPod Assign".

3 ~ 6 Digital In Assign

Select digital input connector to assign to this source.

[Display]



[Input terminals] COAXIAL1 COAXIAL2
OPTICAL1 OPTICAL2

[Assignable input sources]

CD AUX CDR DVD/HDP TV/CBL VCR V.AUX

Input terminals	COAXIAL1	COAXIAL2	OPTICAL1	OPTICAL2
Default setting	DVD/HDP	TV/CBL	CD	VCR

NOTE

This cannot be set for input sources assigned at "iPod Assign".

Sales and Technical Support

Contact Adtron Corporation for technical support, application questions, data sheets, and documentation. Our normal business hours are Monday through Friday, 8am to 5pm, MST.

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Web Site

Web: <http://www.adtron.com/support>

Standard Warranty

Adtron warrants this product to be free from defects in materials and workmanship for the duration of the warranty period. If this product fails within the warranty period due to such defect, Adtron will repair or replace this product.

This warranty does not apply if this product has been damaged by abuse, accident, disaster, misuse or incorrect installation.

Stand-Alone A-Class Server Unpack and Install Instructions

Overview

Unpacking the A-Class server consists of opening and unloading the carton. Inside the carton you will find, in addition to the server, an accessory kit and a packet containing installation instructions and regulatory information.

- Open and Unload the Carton
- Unpack the Server
- Open the Accessory Kit
- Open the Installation Instructions and Regulatory Information Packet

NOTE

The following instructions do not apply to A-Class servers that are received pre-installed in a cabinet. These procedures pertain to individual servers, only.

Open and Unload the Carton

- Step 1.** Place the sealed carton on a work surface with the correct side up as indicated by the "This Side Up" symbol (below).



CAUTION

Use sharp instruments carefully when unpacking electronics equipment. Failure to follow this precaution may result in personal injury or damage to components.

- Step 2.** Carefully open the carton, remove the contents, and set them on the work surface. Each carton will contain:
- The server.
 - An accessory kit.
 - A packet containing installation instructions and regulatory information.

NOTE

Report any missing items to your local Hewlett-Packard office immediately. If there is obvious freight damage, contact your shipper immediately.

We recommend that you retain all packing materials in case any of the items received require return to Hewlett-Packard.

- by the MENU button (do not allow the display to time out between entries while keying the sequence).
2. Use the MENU UP/DOWN keys to highlight the AUDIO sub menu.
 3. Press the MENU LEFT/RIGHT keys to enter the AUDIO sub menu.
 4. Use the MENU UP/DOWN keys to select LSA.
 5. Apply a 300 Hz BTSC sound signal with a signal strength of 60 dBuV (1 mV_{rms}) to the aerial input (only the left channel of the stereo signal). Measure the output on pin 22 (R_OUT) of IC7841 with an AC millivoltmeter.
 6. Use the MENU LEFT/RIGHT keys to adjust the meter reading to a minimum value (default LSA value is "7" for stereo sets, and "0" for mono sets).
 7. Press the MENU button to return to the top level SDAM menu.
 8. To ensure the LSA setting is saved:
 - Turn the television set 'off' by using the 'POWER' button on the remote control transmitter or the local keyboard.
 - Disconnect the television set from AC power for at least ten seconds.
 - Reconnect the television set to AC power.
 - Turn the television set 'on' by using the 'POWER' button on the remote control transmitter or the local keyboard.

HSA (High Separation Alignment)

1. Activate SDAM by pressing the following key sequence on the remote control transmitter: 0 6 2 5 9 6 directly followed by the MENU button (do not allow the display to time out between entries while keying the sequence).
2. Use the MENU UP/DOWN keys to highlight the AUDIO sub menu.
3. Press the MENU LEFT/RIGHT keys to enter the AUDIO sub menu.
4. Use the MENU UP/DOWN keys to select HSA.
5. Apply a 3 kHz BTSC sound signal with a signal strength of 60 dBuV (1 mV_{rms}) to the aerial input (only the left channel of the stereo signal). Measure the output on pin 22 (R_OUT) of IC7841 with an AC millivoltmeter.
6. Use the MENU LEFT/RIGHT keys to adjust the meter reading to a minimum value (default HSA value is "31").
7. Press the MENU button to return to the top level SDAM menu.
8. To ensure the HSA setting is saved:
 - Turn the television set 'off' by using the 'POWER' button on the remote control transmitter or the local keyboard.
 - Disconnect the television set from AC power for at least ten seconds.
 - Reconnect the television set to AC power.
 - Turn the television set 'on' by using the 'POWER' button on the remote control transmitter or the local keyboard.



3139 125 35781



29-29_21P152C01E

29



07/15/20 3:20 PM



Troubleshooting

Should any problem persist after you have checked these symptoms, consult your nearest Aiwa dealer.

Symptom	Cause and/or corrective action
The volume does not increase even if you press VOL+ repeatedly.	➔ AVLS is set to "ON". Set it to "OFF" (page 22)
No sound, or noise is heard.	➔ Connect the headphones/earphones firmly. (page 13) ➔ Plugs are dirty. Clean the headphones/earphones plugs with a dry soft cloth periodically.
Certain files cannot be played.	➔ You tried to play files saved in a format that is not compatible with the CD player. (page 46)
The playing time is too short when powered with the dry batteries.	➔ Check that you are using alkaline batteries and not manganese batteries. (page 25) ➔ Replace the batteries with new LR6 (size AA) alkaline batteries. (page 25)
"Lo batt" appears on the display. The CD does not play.	➔ Replace the batteries with new LR6 (size AA) alkaline batteries. (page 25)
"Hi DC In" appears on the display.	➔ An AC power adaptor which is rated higher than the one supplied or recommended is being used. Use only the supplied AC power adaptor recommended in "Optional accessories". (page 32)
The CD does not play or "No disc" appears on the display when a CD is placed in the CD player.	➔ The CD is dirty or defective. ➔ Check that the CD is inserted with the label side up. (page 13) ➔ Moisture condensation has occurred. Leave the CD player aside for several hours until the moisture evaporates. ➔ Close the lid of the battery compartment firmly. (page 25) ➔ Make sure the batteries are inserted correctly. (pages 25) ➔ Connect the AC power adaptor to an AC outlet securely. (page 13) ➔ Press ▶/REPEAT after one second or more has passed since the AC power adaptor was connected. ➔ The CD-R/RW is blank. ➔ There is a problem with the quality of the CD-R/RW, recording device, or application software.

See the instructions of the CD-R/CD-RW device or recording software (not supplied) for details on the recording format.

To play a Multi Session CD

This player can play Multi Session CDs when an MP3 audio track is located in the first session. Any subsequent MP3 audio tracks, recorded in the later sessions, can also be played back. When audio tracks and images in music CD format or video CD format are recorded in the first session, only the first session will be played back.

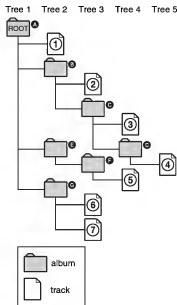
Notes

- If you put the extension ".MP3" to data not in MP3 format, the player cannot recognize the data properly and will generate a loud noise which could damage your speaker system.
- The player cannot play audio tracks in MP3PRO format.

The Playback order of MP3 audio tracks

The playback order of albums and tracks recorded on a DATA CD is as follows.

◆ Structure of disc contents



When you insert a DATA CD and press $\triangleright$, the numbered tracks are played sequentially, from ① through ⑦. Any sub-albums/tracks contained within a currently selected album take priority over the next album in the same tree. (Example: ② contains ④ so ④ is played before ③.)

When you press MENU and the list of MP3 albums appears (page 30), the albums are arranged in the following order: ① → ② → ③ → ④ → ⑤ → ⑥ → ⑦. Albums that do not contain tracks (such as album ⑥) do not appear in the list.

💡 Hints

- If you add numbers (01, 02, 03, etc.) to the front of the track file names, the tracks will be played in that order.
- Since a disc with many trees takes longer to start playback, it is recommended that you create albums of no more than two trees.

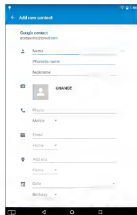
Notes

- Depending on the software you use to create the DATA CD, the playback order may differ from the illustration above.
- The playback order above may not be applicable if there are more than a total of 200 albums and tracks in the DATA CD.
- The player can recognize up to 100 albums (the player will count just albums, including albums that do not contain MP3 audio tracks). The player will not play any albums beyond the first 100 albums. Of the first 100 albums, the player will play no more than a combined total of 200 albums and tracks.

Adding a new contact

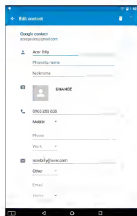
Tap  to add a new contact. If you have multiple accounts, you will be asked which account you want to use to store the contact. The contact will be synchronized with that account.

You may now edit the new contact entry. Storing contacts to your Google account contact list will allow you to store additional information such as: *Address, Special dates, Groups, Notes, Nickname, Website, Relationship, etc.*



Editing a contact

If you have opened a new contact, you can enter information about the contact. To modify an existing contact, from the main screen tap the contact in the list. Then tap . Now simply tap on a box and enter the appropriate information or tap **Add another field** to enter additional information.



INVESTING WITH ICIC

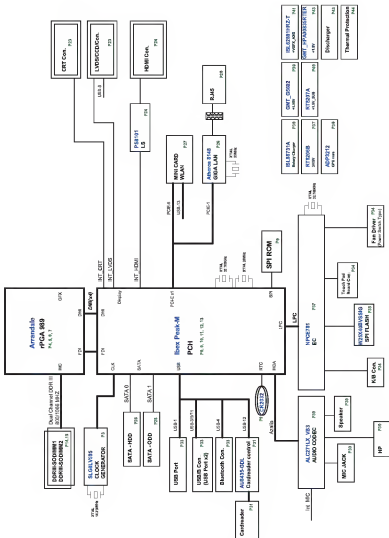


Figure 1-11. System Block Diagram

Creating a play list so that it contains music files already on your computer

If you know where the music files are stored

- 1 Click on the “ make a playlist” button to open the Play List window if it is not already open.
- 2 Click on the “Clear List” button to clear the tracks on the Play List.
- 3 Click on “Add Tracks” of the “File” menu to open the “Add Tracks” dialog box.



- 4** Select the music files that you want to add to the play list, then click on "Open."

The selected music files are automatically added to your database and displayed on the Play List.

You can select two or more files at once by clicking on each one while holding down the SHIFT or CTRL key.

- 5 Click on the “Save Tracks as Playlist” button.**

- 6 Name the new play list, fill in the other fields, then click on "Close."
- 7 Click on "OK" in the dialog box that appears successively.

If you do not know where the music files are stored

- 1 Click on the “ make a playlist” button to open the Play List window if it is not already open.
- 2 Click on the “Clear List” button to clear the tracks on the Play List.
- 3 Click on “Search Hard Disks for Tracks” of the “File” menu.

All the music files stored on your computer are automatically added to your database and displayed on the Play List.

Note

If you abort the search process, clicking on "Search Hard Disks for Tracks" again will fail to add tracks and merely display the "0 tracks successfully added" message. "Add Tracks" of the "File" menu will also fail and display the same message. To recover from this condition, restart Audio Manager.

- 4 Click on the "Clear List" button to clear the tracks on the Play List.
- 5 Click on the "Select Tracks From Database" button.

The "Select Tracks From Database" window appears.

Leak Prevention System

For protection from damage due to water leaks, the dishwasher is equipped with a leak prevention system, the AQUA CONTROL SYSTEM. In the event of a fault, the safety valve immediately interrupts the supply of water to the appliance and the drain pump switches on. By this means water can neither escape nor overflow. The remaining water in the appliance is automatically pumped out.



The AQUA CONTROL SYSTEM also works when the appliance is switched off – the appliance must however **not** be disconnected from the mains.

Electrical connection



In compliance with electric company technical requirements for mains connections, hard-wired connections to the mains may only be made by approved electricians.

When connecting the appliance, observe the German VDE regulations and, if applicable, any additional conditions required by your local electricity supplier. Following installation, live parts and live insulated wiring must not be accessible using a finger test in accordance with EN 60335/DIN VDE 0700.

Information on the electrical connection can be found on the rating plate on the right side of the inner edge of the dishwasher door. If the appliance has a change-over switch, the additional instructions on the change-over diagram in the mains connector box must be observed.

Prior to connecting ensure that the mains voltage and current rating at the site of installation match the nominal voltage and current rating given on the rating plate. The required fuse protection is also to be found on the rating plate.

To isolate the dishwasher from the mains, remove the mains plug.

Important: The plug must still be accessible after the appliance has been installed.

If the appliance is hard-wired to the mains supply, then it must be safely isolated from the mains within the electrical installation with switches intended to ensure **all-pole(N,L1)** disconnection, shall be directly connected to the supply terminals and shall have a contact separation (fuses, cut outs, current trips or similar) of at least 3mm in each pole.

The controller has two Single Inline Memory Module (SIMM) connectors for up to 64 MB of cache memory. The SIMM connectors form a mirrored pair when the controllers are configured in a redundant controller configuration; otherwise they are fully accessible by the controller. In a redundant controller setup, both controllers must have identical cache configurations and the total usable cache (per controller) will be half the amount installed. Thus, in a single controller setup, the maximum usable cache is 64 MB while a redundant setup has a maximum usable cache of 32 MB (per controller).

There are two configurations for redundant pairs of controllers: Active/Active Failover mode and Active/Passive Failover mode. In Active/Active Failover, each controller in the redundant pair has one active SCSI host port and one passive SCSI host port. Redundancy Groups (Virtual LUNs) can be mapped only to one active host port and are not accessible from the passive port or the other controller (that is partitioned model).

In Active/Passive Failover, one controller in the redundant pair has both SCSI host ports active and the other controller is in a standby passive mode. Redundancy Groups (Virtual LUNs) can be mapped to either SCSI host port or to both as in the single controller model.

In both cases, a single controller failure will not affect the subsystem because the surviving controller will take over.

Hard Drive Fan Air Baffle

To remove the hard drive fan air baffle:

1. Perform the preparation procedures. See "Preparation Procedures" earlier in this chapter.
2. Remove the access panel. See "Access Panel (Tower and Rack)" earlier in this chapter.
3. Remove both system fan baskets. See "System Fan Basket" earlier in this chapter.
4. Slide the electronics drawer partially out of the chassis. See "Electronics Drawer" later in this chapter.
5. Loosen the two thumbscrews ❶ on the hard drive fan air baffle.
6. Slide the baffle ❷ over the drive fans, then lift the hard drive fan air baffle away from the chassis.

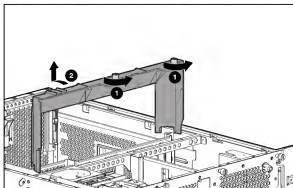


Figure 2-12. Removing the hard drive fan air baffle

Reverse steps 1 through 6 to replace the hard drive fan air baffle.

6. Slide the drive **1** into the drive bay, then secure with two screws **2** on either side of the drive compartment.

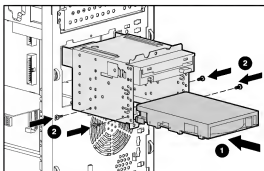


Figure 3-7. Installing a 3.5-inch hard drive

7. Slide the drive compartment back into the chassis.
8. Connect the power and data cables to the back of all devices.

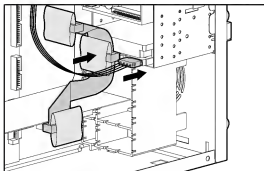


Figure 3-8. Connecting the hard drive cables

9. Replace the access panel and the front bezel.
10. Restore power to the server.

NOTE: Using a non-Ultra2 drive impacts SCSI bus performance.

SERVICE DEPARTMENTS

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Tel.: 335331

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International Trading Com-
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Mountbatte Street
Blata L-Bajda/Tel.: 220644

Egypt

Middle East Commercial
Center
P.O. Box 19
Kairo-Heliopolis
Tel.: 29917/31634

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Auckland
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Bulgaria

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1000 Sofia
Tel.: 2 806676
Fax. 2 980 5276

Kuwait/Arabian Gulf

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P.O. Box 10 83
Tel.: 5322463
Fax: 5242114

Nouvelle Caledonie

Socometra N.C.
B.P. 483
Nouman
Tel.: 275444

Cyprus

Servilan Co. Ltd.
P.O. Box 36 05
77, Kennedy Ave.
Nicosia
Tel.: 311 477

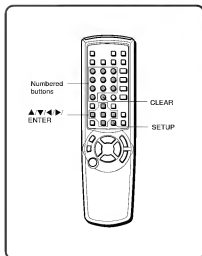
Lebanon

Adib Et Assaferi
P.O. Box 539
Tripoli

Oman

Moshin Haider Darwish
P.O. Box 1 35
Muscat
Tel.: 703743

CHANGING SETUP VALUES (CONTINUED)



Disc Audio

The audio sound track language on a DVD disc can be changed. If the language selected is not available on the disc, the original language designated by each disc will be selected.

- 1** At the **SETUP** menu, press **▲/▼** to select "Disc Audio" and press **▶**.



- 2** Press **▲/▼** to select the desired language and press **ENTER**.

Original :	The original language of each disc will be selected.
English :	The English will be selected.
French :	The French will be selected.
German :	The German will be selected.
Spanish :	The Spanish will be selected.
Italian :	The Italian will be selected.
Chinese :	The Chinese will be selected.
Polish :	The Polish will be selected.
Hungarian :	The Hungarian will be selected.
Russian :	The Russian will be selected.
Other :	Another language can be selected. You can input a 4-digit language code. (Refer to the language codes on page 47. Press CLEAR if an incorrect language code is entered.)

The alternative way to configure as following:

- Step 1.** In "Wireless Site Survey" page, select one of the SSIDs you want to connect and then press "Connect" button to establish the link.

Wireless LAN Series

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or BSSID is found, you could choose to connect it manually when client mode is enabled.

SSID	BSSID	Channel	Type	Encrypt	Signal	Select
Mercy_CA_BSSID	00 02 24 00 80 38	9 (B+G)	AP	no	100	
ZPlus-G192-DEV1	00 0C 00 04 27 29	11 (B+G)	AP	no	85	
ZPlus-G192-DEV2	00 0C 00 04 26 92	11 (B+G)	AP	no	81	
Zimall	00 0B 94 00 01 35	1 (B)	AP	no	80	
linksys	00 05 25 67 62 97	6 (B+G)	AP	no	79	
ZPlus-G192	00 0A 88 1F 99 05	11 (B+G)	AP	no	67	
PC-2-test	00 0C 5B 60 46 35	1 (B)	AP	no	42	

Refresh Connect

- Step 2.** If the linking is established successfully, it will show the message "Connect successfully". Then press "OK".

Wireless LAN Series

Connect successfully!

OK

- Step 3.** Then you can check the linking information in "Status" page.

Wireless LAN Series

System

- Uptime: 0day 1h 24m 22s
- Free Memory: 1832 kB
- Firmware Version: v1.2.1
- Webpage Version: v1.2.1

Wireless Configuration

- Mode: Infrastructure Client - Bridge
- Band: 2.4 GHz (B+G)
- SSID: ZPlus-G192-DEV1
- Channel Number: 11
- Encryption: Disabled
- BSSID: 00 0C 00 04 27 29
- Status: **Connected**
- RSSI: 100

TCP/IP Configuration

- Attain IP Protocol: Fixed IP
- IP Address: 192.168.2.254
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.2.254
- DHCP Server: Enabled
- MAC Address: 00 0C AA BB DD 91

Si control remoto está configurado para operar su TV y muchos VCR, cajas de cable, sistemas satelitales, DBS, DVD, etc., controlados por controles remotos infrarrojo (IR). Sin embargo, puede ser necesario que dé un único paso sencillo antes de que el control remoto pueda hacer funcionar su VCR.

Pruebe este Método de Acceso Directo inicial para ver si es necesario ir a la sección siguiente.

COMIENZO

- 1 Ponga el Interruptor de modo TV/VCR/ACC en la posición apropiada.
 - 2 Apunte el control remoto al dispositivo y presione el botón POWER.
- ¿Se enciende el dispositivo? Si es así, deténgase y pruebe otros botones de función en el control remoto. Si éstos también hacen funcionar el dispositivo, el control remoto está listo y no se necesitan pasos adicionales.

Si no es así, continúe...

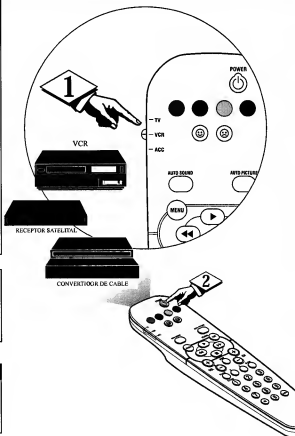
FIN

- 1 Antes de dar los simples pasos de la página siguiente, busque un número de control remoto de TRES DÍGITOS para su marca de dispositivo.

Encuentre su código de tres dígitos en las páginas 45 a 47.

AYUDA RÁPIDA

Recuerde, si aparece más de un número, posiblemente deba probar más que el primer código de tres dígitos dado para ubicar el código de control remoto de su dispositivo.



Audition Automation

There are two ways to toggle between the programs in the Audition List: manually and automatically. The DEQ230 defaults to the automatic method, which we call Audition Automation. Once you have finished adding programs to the Audition List, the DEQ230 begins cycling through the programs from left to right. It will start with the currently active program, pause for several seconds, and move on to the next. When it reaches the last program in the Audition List, it will start over again from the first one on the left. Remember that the stack of four LEDs will indicate which program is currently the active one. Also note that you can edit the Audition List by adding or removing programs during the Audition Automation cycle.

It's possible to shorten or lengthen the amount of time spent on each program in the Audition List during Audition Automation. Use the [DOWN/UP] buttons for this purpose. The time range is from 1-25 seconds in increments of one second. You will see the value briefly in the Numeric LED Display as you change it, and then the display will resume showing the number of the current program in the Audition List. The Audition Automation time value you select will be remembered even after turning the DEQ230 off and on again.

Audition Automation override

If you want to hear a certain program again without having to wait for the DEQ230 to cycle through the entire Audition List, simply press and hold that program's [BAND SELECT] button. This will call up that program immediately. And as long as you hold down that [BAND SELECT] button, the DEQ230 will suspend the Audition Automation cycle and stay on that program. Once you release the button, the next program in the Audition List will be called up and the cycle will continue from there.

Manual Audition

If you prefer to call up each program in the Audition List at your own pace, then you must turn off the Audition Automation feature. To do this, you will need to enter Setup mode and toggle the setting for the AUD AUTO function. For information on how to do this, see page 46.

Once you have turned off the Audition Automation feature, navigation through the Audition List is handled by the [DOWN/UP] buttons. Pressing the [DOWN] button will move you leftward through the Audition List, and pressing the [UP] button will move you rightward through the list. If you have a lot of programs in the Audition List, hold down one of those buttons and after a couple of seconds the DEQ230 will begin to scroll through them more quickly.

When changing the time value for the Audition Automation, keep in mind that the choices "wrap": i.e., you can reach a value of 25 from a value of 01 with a single press of the [DOWN] button.

If you want to audition programs in a specific order, save them to locations in the User area (programs 30-59) in the order you'd like to hear them. Then select them in Audition mode.

LCD Bright.

Select a brightness level for the LCD monitor. The LCD becomes brighter with the button and darker with the button. The adjustment range is from -5 to +5.



Digital Zoom

This sets whether or not to use digital zoom at the time of photography.

* On / Off

Preview

This sets whether or not to display the captured image on the screen immediately after the image is captured.

* On / Off



NOTE

- When [Preview] is set to [Off], [Voice Memo] setting is also fixed at [Off].

Date Print

The date of recording can be printed directly on the still images. This function must be activated before the image is captured.

* On / Off



Date imprinted here

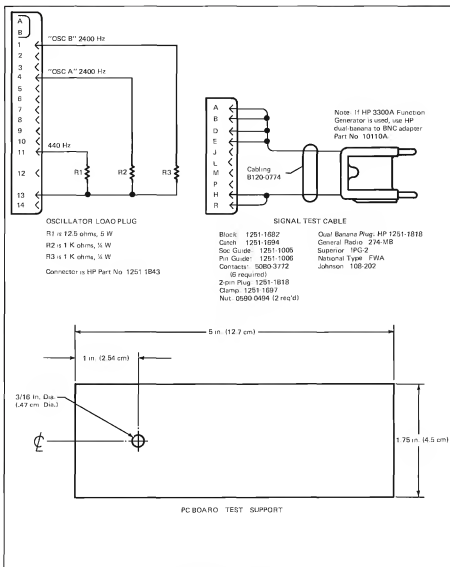


Figure 5-2. Test Cable, Plug and Fixtures

EQ (Equalizzatore)

Questo modulo vi fornisce un filtro passa alto e quattro bande di equalizzazione che potrete utilizzare per modellare il suono del vostro segnale audio tagliando ed amplificando determinate frequenze.

HPF (Filtro passa alto)

 Accende il filtro passa alto, che riduce le frequenze molto basse (al di sotto di 80 Hz). Utile per eliminare i rumori causati da condizionatori d'aria, auto che passano o altri rumori a bassa frequenza (fantascro per registrare a casa).

 Spegne il filtro passa alto.

LOW

 Amplifica o taglia le frequenze inferiori a 150 Hz in passaggi da 1 dB da -12dB a +12dB.

 Spegne la banda LOW EQ.

LO MID

 Amplifica o taglia la gamma da 700 Hz in passaggi da 1 dB da -12dB a +12dB.

 Spegne la banda LO MID EQ.

HI MID

Questa banda è una banda parametrica a 2.5kHz con un Q di 1.5

 Amplifica o taglia la gamma da 2.5 kHz in passaggi da 1 dB da -12dB a +12dB.

 Spegne la banda HI MID EQ.

HIGH

 Amplifica o taglia tutte le frequenze superiori a 5 kHz in passaggi da 1 dB da -12dB a +12dB.

 Spegne la banda HIGH EQ.

EDGE

Questo è un limitatore filtrato che dona alla vostra chitarra acustica un suono lampado e tagliente. Questo effetto funziona prendendo il segnale originale, filtrando tutte le frequenze che ricadono al di sotto di 2kHz, convogliandole in un limitatore e miscelandole nuovamente con il suono originale, non filtrato e non limitato.

 Quantità crescenti di edge.

 Spegne l'EDGE.

Touchpad

The built-in touchpad is a pointing device that senses movement on its surface. This means the cursor responds as you move your finger across the surface of the touchpad. The central location on the palmrest provides optimum comfort and support.



Touchpad basics

The following items show you how to use the touchpad:



- Move your finger across the touchpad (2) to move the cursor.
- Press the left (1) and right (4) buttons located beneath the touchpad to perform selection and execution functions. These two buttons are similar

The **EZCast Pro** menu opens.



3. Do one of the following:

- Depending on the operating system of your mobile device, open the **App Store** (iOS) or **Google Play** (Android) and install the **EZCast Pro** app on your mobile device.
- Scan the QR code on the **EZCast Pro** menu with your mobile device and then follow the on-screen instructions to install the **EZCast Pro** app

If you are using a laptop, download **EZCast** app from

www.ezcast.com/upgrade/download.php?vendor=ezcastpro website



4. Insert the optional Wireless adapter into USB2



5. Connect your portable device via Wi-Fi to the projector. An example connection parameters are as follows:

- SSID of the projector: **EZProjector_704CFF2F**
- PSK: **37892471**

Note: The projector SSID and PSK vary depending on the connected Wireless adapter

Power

- DC power-in (5.35 V, 2 A & 7 W, 5 V / 1.4 A)

Connectivity

- 802.11b/g/n wireless LAN
- GSM / GPRS / EDGE 850 / 900 / 1800 / 1900 MHz
- WCDMA / HSPA / DC-HSPA+ Band 1 / 2 / 5 / 8
- LTE Cat. 4, Band 1 / 3 / 7 / 8 / 20: FDD upload up to 50 Mbs, download up to 150 Mbps; Band 38 TDD upload up to 26 Mbps, download up to 132 Mbps
- Bluetooth 4.0
- GPS

Camera

- Front camera
 - 2-megapixel
 - 1600 x 1200 resolution and 720p HD audio/video recording
- Rear camera
 - 5-megapixel
 - 2560 x 1920 resolution and 1080p Full HD audio/video recording

Expansion

- microSD card slot (up to 128 GB)

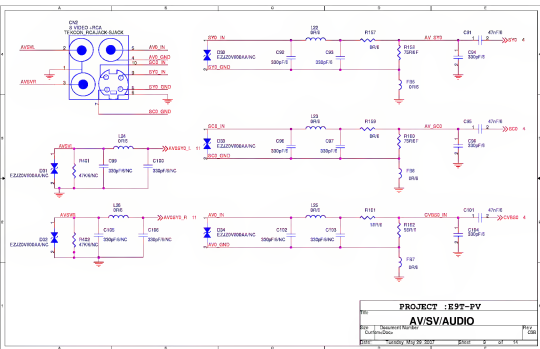
Battery

- 14.36 Wh 3780 mAh 3.8 V 1-cell Li-ion battery pack
Battery life: Up to 8 hours



Note

Length of battery operation will depend on power consumption which is based on system resource use. For example, constantly using the backlight or using power-demanding APPs will shorten battery life between charges.



Middle Air Baffle

IMPORTANT: The middle air baffle must be installed during operation of the server to ensure proper processor cooling.

To remove the middle air baffle:

1. Loosen the thumbscrew of the middle air baffle ❶.
2. Lift the baffle upward ❷.
3. Remove the middle air baffle ❸.

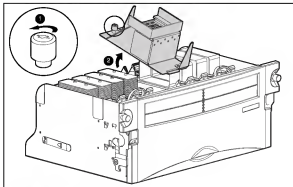


Figure 2-23. Removing the middle air baffle

Reverse steps 1 through 3 to replace the middle air baffle.

Off	None	None	Orange Flash	5W
-----	------	------	--------------	----

When both of the H-sync and V-sync are none, the power supply +6.3V,+16V,+24V,+80V and +200V output will be cut-off, the power input will be under 5W.

When the H-sync is none, the power supply +16V output will be cut-off. The power input will be under 15W.

When the V-sync is none, the power supply +6.3V,+16V,+24V,+80V and +200V output will be cut-off. The power input will be under 5W.

2.4 Video Circuit

2.4.1. Design Specifications

2.4.1.1 input

D-sub connector

2.4.1.2 sync type

separate sync

composite sync

2.4.1.3 pixel rate =

160 MHz

2.4.1.4 light output (3" block pattern)

40F.L. [brightness at cutoff and contrast at max.]

light output (full white pattern)= 28F.L. [brightness at cutoff and contrast at max.]

2.4.2 CRT Specifications

2.4.2.1 heater voltage

6.3V

2.4.2.2 heater current

0.32A (typical)

2.4.2.3 cathode spot cutoff voltage

110V

2.2.2.4 max-to- min cutoff ratio

1.17

Beep Codes

Beep codes are used by the BIOS to indicate a serious or fatal error to the end user. Beep codes are used when an error occurs before the system video has been initialized. Beep codes will be generated by the system board speaker, commonly referred to as the PC speaker.

AMIBIOS displays the checkpoints in the bottom right corner of the screen during POST. This display method is limited, since it only displays checkpoints that occur after the video card has been activated.

Not all computers using AMIBIOS enable this feature. In most cases, a checkpoint card is the best tool for viewing AMIBIOS checkpoints.

Beep Symptom	Cause and Description
One short beep	System is ready. System is OK.
Continuous one long beep	Memory not installed or memory error.
One long beep and two short beeps then repeat.	VGA not installed or VGA error. Graphics card error/not installed, graphics card memory error or graphics card BIOS checksum error.
One long beep then two short beep	BIOS damaged. BIOS is damaged, BIOS POST jumps to Boot Block to execute the default procedures.
Two short beeps	CMOS damaged. CMOS checksum error or CMOS battery loss occurs.



especially in the case where a network bridge or routing device is configured in between the source and destination nodes¹¹.

¹¹ Bridges or routers placed in between the tape backup server and the other servers can significantly degrade network backup performance.

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 - replacing 2-6
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- Altiris eXpress Deployment Server 3-3
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- anchor pins, spare part number 1-3
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 - description 3-2
- ASR-2 *See* Automatic Server Recovery-2 (ASR-2)
- Automatic Server Recovery-2 (ASR-2)
 - access 3-2
 - description 3-2

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 - description 3-2
 - Compaq NC3163 Fast Ethernet NIC Embedded 10/100 WOL *See* NIC module
 - Compaq ProLiant BL p-Class System Setup and Installation Guide* 3-2
 - Compaq Servers Troubleshooting Guide* 3-2
 - Compaq SmartStart Scripting Toolkit 3-3
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 - diagnostic tools 3-1
 - Diagnostics utility
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 - description 3-2

Deleting information from the ACL using the WWPN

Example command

```
CLI> DELETE ACL WWPN=12345678-12345678 UNIT=1
```

Command options

WWPN=12345678-12345678—entries will be deleted from the ACL of the connection with a WWPN of 12345678-12345678.

UNIT=1—LUN 1 will be removed from the ACL of the named connection.

Example CLI response

```
Disallowing 12345678-12345678 access to unit 1.
```

Disabling the ACL

If the ACL has been set up, but the decision has been to not use it and not limit access to the storage, the entries in the ACL need to be deleted. Use the following command to delete all entries in the ACL.

Basic command

```
SET ACL DISABLE
```

Example CLI response

```
Disabling acl
```

Note: When this command is used, all existing ACL entries are automatically deleted. All storage is immediately available to all connected servers.

Test

The Test menu is used to initiate different types of tests of the unit and to view test results. Test results are displayed in the LCD window. The menu contains three subitems. See Figure 3-6.



Executing tests will disrupt some of the normal operation. See individual menu items concerning tests before executing.

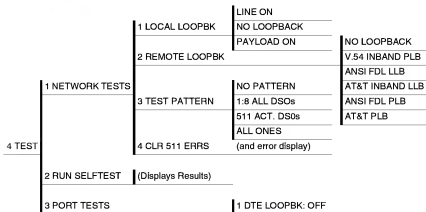


Figure 3-6. Complete Test Menu

Menu flow is normally depicted from left to right. Arrows on the lower right of the screen indicate the scrolling direction to view additional menu items. At every level of the menu pressing the **CANCEL** button returns the system to the previous menu level. Pressing the **CANCEL** button repeatedly returns the system to the main menu.



WARNING: A rack may become unstable if more than one component is extended for any reason. To reduce the risk of personal injury, always ensure that the rack is adequately stabilized before extending a component outside the rack, and extend only one component at a time.



WARNING: Before beginning to work on the rack, be sure that the leveling jacks are extended to the floor, that the full weight of the rack rests on the level floor, and that either stabilizers are installed or that multiple racks are coupled together for stability.

Server Warnings and Precautions



WARNING: To avoid the risk of personal injury or damage to the equipment, a minimum of two people **MUST** lift the server into the rack. The server weighs about 50 pounds (22.6 kilograms). If the unit is to be loaded above chest level, a third person must assist in aligning the rails while the other two support the unit.



WARNING: To reduce the risk of personal injury from hot surfaces, allow the hot plug drives and internal system components to cool before touching.



WARNING: This equipment is designed for connection to a grounded AC outlet. The grounding type plug is an important safety feature. To avoid risk of electric shock or damage to your equipment, do not disable this feature.



CAUTION: Be sure that the power outlet you plug your power cord into is easily accessible and located as close as possible to the equipment operator. When you need to disconnect power to the equipment, be sure to unplug the power cord from the power outlet.

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A diagram of a vertical container with a piston. The container is divided into two sections. The top section contains a gas sample, represented by a circle with a plus sign inside. The bottom section is empty. The piston is shown as a horizontal line with a small circle in the center, separating the two sections.

STUDY OBJECTIVES



Press this button after the batteries are replaced and when the all conditions signs are functioning properly.

Especificaciones

Sistema

Audio digital de discos compactos

Propiedades del diodo láser

Material: GaAlAs

Longitud de onda: $\lambda = 770 - 800 \text{ nm}$

Duración de la emisión: Continua

Salida láser: Inferior a $44,6 \mu\text{W}$

(Esta salida es el valor medido a una distancia de 200 nm de la superficie del objetivo del lector óptico con una apertura de 7 mm.)

Conversión D-A

Control tiempo-eje de curso de 1 bit

Respuesta de frecuencia

20 - 20.000 Hz $\pm 3 \text{ dB}$ (medido por JEITA)

Salida (con nivel de entrada de 4,5 V)

Auriculares (armadura estándar)

Aprox. 5 mW + Aprox. 3 mW a 16 Ω

Requisitos de alimentación

- Dos pilas LR6 (tamaño AA): cc de 1,5 V $\times 2$
- Adaptador de alimentación de ca (toma DC IN 4.5 V).
230 V, 50 Hz (Modelo para el mercado chino)
120 V, 60 Hz (Modelo para el mercado mexicano)

Duración de las pilas*1 (horas aproximadas)

Si emplea el reproductor de CD sobre una superficie plana y estable.

Cuando el modo SOUND está ajustado en "OFF".

El tiempo de reproducción varía en función de cómo utilice el reproductor de CD.

Cuando se utilizan dos pilas alcalinas Sony LR6 (90) (fabricadas en Japón)

	E-A-S-S OP	
	"EASS OP 1"	"EASS OP 2"
CD de audio	50	45
CD de ATRAC**2	85	85
CD de MP3**3	65	65

*1 Valor medido según el estándar de la JEITA (Japan Electronics and Information Technology Industries Association)

**2 Cuando se graba a 48 kbps

**3 Cuando se graba a 128 kbps

Temperatura de funcionamiento

5°C - 35°C

Dimensiones (an/al/prf) (partes y controles salientes excluidos)

Aprox. 135,8 $\times$ 27,2 $\times$ 135,8 mm

Peso (accesorios excluidos)

Aprox. 180 g

Productos de los EE.UU. y otros países usados con licencia de Dolby Laboratories.

Diseño y especificaciones sujetos a cambios sin previo aviso.

Accesorios opcionales

Adaptador de alimentación de ca	AC-E45HQ
---------------------------------	----------

* Las especificaciones respecto a los adaptadores de alimentación de ca varían según cada área. Verifique la tensión de su área y la forma del enchufe antes de comprarlo.

Es posible que su proveedor no distribuya algunos de los accesorios mencionados. Solicite a su proveedor información detallada sobre los accesorios en su país o región.

75% of Maximum	.15 sec	~70%	75% of Maximum	0.17 sec	~80%	6.6 GB/hour
----------------	---------	------	----------------	----------	------	-------------

Table 6 - Online Dump of Inactive Database with ARCserve

Transactions Before Dump			Transactions During Dump			Dump
Transaction Rate:	Response Time:	CPU Usage:	Transaction Rate:	Response Time:	CPU Usage:	Throughput:
No User Transactions	n/a	~ 0%	No User Transactions	n/a	~ 60%	10.0 GB/hour
25% of Maximum	.12 sec	~26%	25% of Maximum	0.13 sec	~80%	10.0 GB/hour
75% of Maximum	.15 sec	~70%	44% of Maximum	2.90 sec	~99%	9.3 GB/hour

When dumping an inactive database with SQL Server, the user transactions per second throughput (to the active database) and the average transaction response times do not change considerably under either of the load conditions. The fact that we have isolated our two databases on separate disk arrays helps to produce this situation - I/O requests from the backup job do not interfere with user transaction I/O.

The dump throughput, while it remained unaffected during the moderate (25%) user load condition, dropped from 9.1 GB/hr (maximum dump throughput achieved with 2 DLT drives with no user activity) to 6.6 GB/hr under the high (75%) load. Here, the dump threads compete with other SQL Server threads processing user transactions against another database. Since no artificial bottleneck is imposed on any of the user transactions, SQL Server schedules them equally with the threads performing the dump operation. SQL Server can have as many worker threads as there are users, up to a certain limit, which, once reached, causes user connections to share a worker thread. Naturally, the two dump threads receive only a fraction of the execution time, resulting in low backup throughput when a high user load is present. With a lighter user load, backup throughput does not suffer because there is enough CPU time for all threads (in Table 5, CPU usage is at 32% during the dump with light load, vs. 80% for the heavy load). Note that the results may be somewhat different if you are dumping to a greater number of backup devices, in which case there will be a greater number of backup threads.

When doing the ARCserve assisted dump, the results for the moderate user load condition are the same (neither user transaction throughput nor backup throughput are affected), but the results for the heavy load condition are a bit different: The user transaction rate dropped from 75% of the maximum throughput to 44% of max, and the average response times increased about 19 times. The backup throughput on the other hand, only dropped from 10.0 to 9.3 GB/hr.

Here, the SQL Server user transaction threads must compete with ARCserve application threads which are external to SQL Server. Since we have the SMP Stat parameter set to 0, Windows NT will move SQL Server threads off of one of the CPU's to make room for other applications' threads when the CPU's near saturation (Table 6 shows CPU usage at 99% in this case). When SQL threads are deprived of some time on this CPU, user transactions are affected. If we had set SMP Stat to 2 or -1, the user transactions would not have been affected, but the ARCserve backup process would have suffered or even halted entirely (see discussion on SMP Stat earlier in this section).

From our results we can make the following general conclusions about backup of an inactive database during activity on another database: Neither the backup throughput nor the transaction throughput will be affected as long as there is adequate CPU time to service all threads and I/O is separated. If CPU usage becomes high however, the backup throughput will suffer (with the SQL Server dump

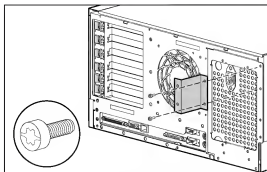


Figure 3-14. Attaching a cable management arm bracket to the server

Loading the Rack Server

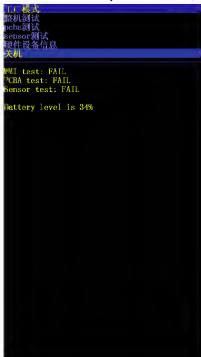
When mounting multiple servers, only install one set of mounting brackets at a time. Make sure that the brackets align perfectly, the server fits in the rack, and the faceplate fits securely with thumbscrews. Then, proceed to install the next set of mounting brackets.



WARNING: To reduce the risk of personal injury or damage to the equipment, a minimum of two people **must** lift the server into the rack. The server weighs 50 pounds (22.6 kilograms). If the unit is to be loaded above chest level, a third person must assist in aligning the rails while the other two people support the unit.

IMPORTANT: To keep the server lighter and more manageable, do not install drives in the server until after you load the server into the rack.

- 8) Press "Volume Down key" to select "关机", then device calibrate complete.



To remove a Processor Power Module:

1. Perform the preparation procedures. See "Preparation Procedures" earlier in this chapter.
2. Remove the right side access panel. See "Right Side Access Panel" earlier in this chapter.
3. Remove the main processor air baffle. See "Main Processor Air Baffle" earlier in this chapter.
4. Remove the processor associated with the Processor Power Module being replaced. Refer to Figure 2-39 and the "

```

StripeSize = 256
ArrayAccelerator = Enabled

; HBA SSP Specifications
HBA_WW_ID= 10000000C9272B34
ConnectionName= TestConn
HostMode= Windows

```

Options

Table 5-5 cpqacuxe Options

Option	Description
-C FILENAME	Specifies the capture file. The capture filename is optional. If no capture file is specified, the default capture file is <code>acucapt.ini</code> in the ACU working directory.
-E FILENAME	Specifies the error file. The error filename is optional. If no error file is specified, the default error file is <code>error.ini</code> in the ACU working directory.
-internal	Limits the capture to internal controllers.
-external	Limits the capture to external controllers.
-h	Displays help information.

cpqacuxe input file

The `cpqacuxe` utility uses a text file that contains options and parameters required to configure array controllers. Lines of the script file can be blank or in the form `option = value`. The `cpqacuxe` utility parses the file in a case-insensitive manner. Semicolons are used for comments within script files. If the first character in the line is a semicolon, the line is a comment and the `cpqacuxe` utility ignores everything up to the next line. The valid options in script files generated and read by the ACU utility are divided into the following categories:

- **Control options** — Define the overall behavior of the `cpqacuxe` utility when it processes the scripts and stamps configurations. Control options can occur only once in the script file and must be the first options in the file.
- **Controller options** — Define a controller or set of controllers used in the configuration. This set of options must start with the Controller option. All other options up to the next Controller option will be assumed to belong to the controller that is being defined. These options can be specified in any order, but an option from another category of options cannot occur between any two options in this category.
- **Array options** — Specify and describe a particular array in the configuration. These options are invalid if there is not a preceding controller option section. This set of options must start with the Array option, and all the following options up to the next Array or Controller option are assumed to belong to the array being defined. These options can be specified in any order, but an option from another category of options cannot occur between any two options in this category.
- **Logical drive options** — Specify and describe a particular logical drive in the configuration. These options are invalid if there is no preceding array option. This set of options must start with the LogicalDrive option, and all the following options up to the next LogicalDrive, Array, or Controller option are assumed to belong to the logical drive being defined. These options can be specified in any order, but an option from another category of options cannot occur between any two options from this category. In general, Logical Drives must be listed in the input file in increasing order, unless existing drives are being reconfigured without data loss.
- **HBA options** — Specify and describe an HBA SSP configuration. These options are invalid if there are no preceding logical drive options. This set of options must start with the HBA_WW_ID option, and all the following options up to the next LogicalDrive, Array,

Notice: Canadian users

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Modem notices

FCC

This equipment complies with Part 68 of the FCC rules. Located on the bottom side of the modem is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. Upon request, you must provide this information to your telephone company.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But, if advance notice is not practical, you will be notified as soon as possible. You will also be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If this equipment should fail to operate properly, disconnect the equipment from the phone line to determine if it is causing the problem. If the problem is with the equipment, discontinue use and contact your dealer or vendor.

TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.

Important safety instructions

Read these instructions carefully. Save these instructions for future reference.

NBP Monitoring Problems

Table 24 NBP Monitoring Problems

Symptom	Possible Causes	Suggested Solution
NBP Calibration Overdue message	The NBP module should be calibrated once a year	Calibrate the NBP module. See “NBP Module Calibration” on page 19.
NBP Measurement Failed message	- Excessive patient movement - Hose or cuff kinked or leak	Ensure the user applies correct procedure
	- Air tube inside the device failure - Defective NBP hardware	- Reconnect the air tube - Replace NBP module
NBP Cuff Overpressure message	External pressure on the cuff during the measurement	Do not touch the cuff during the measurement
NBP Error message	Defective NBP hardware	Replace NBP module if persists
NBP Equipment Malfunction message	NBP Module autotest failure	
NBP Cuff Not Deflated message	NBP cuff blockage	- Check tubes for kinks - Replace NBP cuff
- Measurement cycle does not start. - Pump operates, cuff inflates normally, but does not deflate. - NBP Cuff Not Deflated message	Failure of front panel button	Run Controls test in Service Mode to confirm. Replace Front Case if needed.
	NBP Module failure	Replace NBP Module
	Processor PCA failure	Replace Processor PCA
Reading inaccurate	NBP Module needs calibration	Check accuracy as described in “NBP Module Tests” on page 22. Calibrate if needed.
	NBP Module failure	Replace NBP Module
Liquid inside the tubing	A spill	If the liquid is clean water, and it did not reach the NBP Module, then drain the water and dry the tube. Otherwise replace NBP Module.
(13:1) RFU Test Timed Out error log message	Test is not completed in time	Run Op Check
(13:2) NBP Communication Failure error log message	NBP communication failure	Replace NBP Module
(13:3) Self Test Failure error log message	NBP self-test failure	
(13:4) NBP Equipment Malfunction error log message	NBP Module failure	

Special considerations

Follow these guidelines to protect your computer while traveling to and from work:

- Minimize the effects of temperature changes by keeping the computer with you.
- If you need to stop for an extended period of time and cannot carry the computer with you, leave the computer in the trunk of the car to avoid exposing the computer to excessive heat.
- Changes in temperature and humidity can cause condensation. Allow the computer to return to room temperature, and inspect the screen for condensation before turning on the computer. If the temperature change is greater than 10 °C (18 °F), allow the computer to come to room temperature slowly. If possible, leave the computer for 30 minutes in an environment with a temperature between outside and room temperature.

Setting up a home office

If you frequently work on your computer at home, you may want to purchase a second AC adapter for use at home. With a second AC adapter, you can avoid carrying the extra weight to and from home.

If you use your computer at home for significant periods of time, you might also want to add an external keyboard, monitor or mouse.

Traveling with the computer

When you are moving within a larger distance, for instance, from your office building to a client's office building or traveling locally.

Preparing the computer

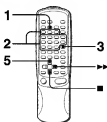
Prepare the computer as if you were taking it home. Make sure that the battery in the computer is charged. Airport security may require you to turn on your computer when carrying it into the gate area.

What to take with you

Take the following items with you:

- AC adapter
- Spare, fully-charged battery pack(s)
- Additional printer driver files if you plan to use another printer

PROGRAMME DE KARAOKE



Avant ou pendant la lecture de disque compact, on peut réserver jusqu'à quinze plages à lire après la plage courante. Chaque réservation est effacée quand sa lecture est terminée.

Utiliser la télécommande.

1 Appuyer une fois sur la touche PRGM.



2 Appuyer sur une des touches DISC DIRECT PLAY pour sélectionner un disque, puis sélectionner une plage à l'aide des touches numériques.

3 Appuyer sur la touche KARAOKE ENTER.



Numéro de disque réservé Numéro de plage réservée

4 Répéter les étapes 2 et 3 pour réserver d'autres plages.

5 Appuyer sur la touche ◀▶ pour démarrer la lecture.

Une fois qu'une plage est lue, elle est effacée du programme. On peut réserver une autre plage à la place de celle effacée.



Nombre de plages réservées restantes Disque en cours de lecture Le numéro de la plage en cours de lecture clignote

Numéro de disque de la dernière réservation Numéro de plage de la dernière réservation

Pour ajouter une réservation pendant la lecture
Répéter les étapes 2 et 3.

Pour contrôler les plages réservées

Appuyer sur la touche EDIT/CHECK à plusieurs reprises. À chaque pression sur cette touche, un numéro de disque et un numéro de plage sont affichés dans l'ordre réservé.

Pour arrêter la lecture

Appuyer sur la touche ■. Pour redémarrer la lecture, appuyer sur la touche ◀▶.

Pour sauter une plage

Appuyer sur la touche ▶▶. La plage sautée est effacée du programme.

Pour effacer toutes les réservations

Appuyer sur la touche ▶▶ à plusieurs reprises jusqu'à ce que "K" soit affiché.



Pour annuler les programmes de Karaoke, appuyer une fois de plus sur cette touche. L'affichage repasse à celui de la lecture de disque compact.

REMARQUE

- Si le numéro de disque réservé n'existe pas sur le disque sélectionné, l'appareil arrête la lecture et l'affichage clignote. Dans ce cas, appuyer sur la touche ▶▶ pour sauter l'erreur. Ensuite, appuyer sur la touche ◀▶ pour démarrer la lecture à la plage réservée suivante.
- Si on appuie plusieurs fois sur la touche PRGM à l'étape 1, PRGM est affiché et l'appareil passe au mode lecture programmée de disque compact (voir page 12). Pour annuler la lecture programmée, appuyer sur la touche ■ CLEAR.

F

PLUMBING

Monitor Panel

Check your monitor panel frequently. When the BLACK WATER HOLDING TANK is completely full, sewage cannot be emptied from the toilet bowl. If the GRAY WATER HOLDING TANK is overfilled, drain water will "backup" into the tub and cause an unpleasant cleaning job. Never drain the tanks at any place other than an approved dumping station.

Emptying Tanks

Almost all campgrounds will have dumping facilities. Park directories such as Woodalls and Rand McNally also list dumping stations.

To empty one or both tanks attach the sewer hose by pressing the bayonet fitting onto the dump valve outlet and rotate clockwise until it feels solid and secure. Attach the outlet end of the hose to the sewage outlet, making sure that the hose is placed so it will drain completely.

Pull the dump valve handle as far as it will go and wait until the tank is drained. When dumping, the main holding tank should be dumped first; then the auxiliary holding tank. This will help to rinse out the sewer line with auxiliary holding tank water.

The main holding tank must be flushed out until all paper and waste material is removed. Close the dump valve and refill the tank with clean water and repeat until clean. Replace the cap prior to traveling.

The main and auxiliary tanks are heated by ducting from the furnace. Be sure to follow winterizing instructions for the tanks immediately in freezing temperatures if heat is not being supplied to the trailer.

Black Tank Flush

Inside the underbelly utility compartment is a water hose connector for the "black tank flush". To use, hook up a hose and turn it on full force. Within the tank a head with multiple holes will spray the interior surface of the tank. A vacuum breaker and one-way valve is located inside the trailer above the exterior connection to prevent the black water from escaping to the hose connection. In most models this will place them under the lavatory.

The gate valve should be closed for the first couple of minutes, and then opened to let the water out in a rush. Close the gate valve and repeat as needed.

When Parked and Connected to Sewer Outlet

When you are in a park and connected to a sewer outlet keep the main holding tank dump valve closed, and empty the tank every few days or whenever it becomes almost full. ONLY BY SENDING A LARGE VOLUME OF LIQUID THROUGH THE MAIN HOLDING TANK AT A TIME WILL TOILET PAPER AND OTHER SOLIDS COMPLETELY WASH-AWAY.

This practice will avoid the accumulation of solids in the main holding tank, which could lead to an unpleasant cleaning job. Should solids accumulate, close the dump valve; fill the tank about half full with water; then tow the trailer for a few miles. The turbulence and surging of the water will usually dissolve the solids into suspension so the tank can be drained. Keep the auxiliary tank valve open when connected to a sewer outlet.

Draining the tanks as described will protect them from freezing during storage. When traveling in sub-freezing temperatures use a winterizing solution designed for RV use. Follow the directions on the container.

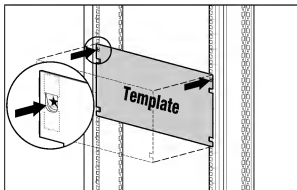


Figure 4-9. Measuring with the template

3. After marking the front of the rack, flip the template over and mark the back rails of the rack. Open the rear door of the rack to access the back rails.
4. On the back of the rack, also mark the rail to show the top of the template. This will help you align a template for the next component.

Inserting Cage Nuts in the Rack Frame

After marking the positions for the fasteners in both the front and back of the rack, use the fitting tool to insert cage nuts on the **inside** of the rails at the marked locations. The cage nuts and fitting tool are included in the hardware kit supplied with the rack.

1. Position the cage nut as shown in the following figure, on the inside of the rail.
2. Hook one of the lips of the cage nut through the square rail perforation.

Regulatory Compliance Notices

Regulatory Compliance Identification Numbers

For the purpose of regulatory compliance certifications and identification, your server is assigned a Compaq series number. The Compaq series number for the ProLiant ML330 is Series ES1014. The series number can be found on the product label, along with the required approval markings and information. When requesting certification information for this product, always refer to this series number. This series number should not be confused with the marketing name or model number for your server.

Communications Commission Notice

Part 15 of the Federal Communications Commission (FCC) Rules and Regulations has established Radio Frequency (RF) emission limits to provide an interference-free radio frequency spectrum. Many electronic devices, including computers, generate RF energy incidental to their intended function and are, therefore, covered by these rules. These rules place computers and related peripheral devices into two classes, A and B, depending upon their intended installation. Class A devices are those that may reasonably be expected to be installed in a business or commercial environment. Class B devices are those that may reasonably be expected to be installed in a residential environment (personal computers, for example). The FCC requires devices in both classes to bear a label indicating the interference potential of the device as well as additional operating instructions for the user.

Client-to-Cluster Connectivity Problems

This section addresses problems relating to client-to-cluster connectivity.

Table 5-5
Solving Client-to-Cluster Connectivity Problems

Problem	Possible Cause	Action
Clients cannot communicate with a node (or nodes) over Ethernet	Improper name resolution	Verify that the <code>/etc/resolv.conf</code> file within the cluster indicates the correct domain name servers. Verify that the domain name system (DNS) is properly configured.
	No network connectivity	Verify network cabling connections.
	Transmission Control Protocol/Internet Protocol (TCP/IP) is not properly configured	Configure TCP/IP using SCOadmin networking tools.
	Public network interface IP address is invalid	Reconfigure public network interface IP addresses for the network boards within the cluster using SCOadmin networking tools.
Clients do not see the cluster	Cluster Virtual IP (CVIP) address is invalid	Reconfigure the CVIP address using SCOadmin networking tools.
	CVIP address is not on the same subnet with a public network interface within the cluster	Make sure that the CVIP address is on the same subnet as at least one or more public network interfaces within the cluster.

continued

- Works offline and online
- Supports Microsoft® Windows® and Linux operating systems
- Integrates with other software maintenance, deployment, and operating system tools
- Automatically checks for hardware, firmware, and operating system dependencies, and installs only the correct ROM upgrades required by each target server

For more information, see the *HP Smart Update Manager User Guide*. The guide and the HP Smart Update Manager utility are available from the ProLiant Firmware Maintenance CD. This CD and others can be downloaded free of charge from the SmartStart download page on the HP website (<http://www.hp.com/go/support>).

System Online ROM flash component utility

The Online ROM Flash Component Utility enables system administrators to efficiently upgrade system or controller ROM images across a wide range of servers and array controllers. This tool has the following features:

- Works offline and online
- Supports Microsoft® Windows NT®, Windows® 2000, Windows Server® 2003, Novell Netware, and Linux operating systems



IMPORTANT: This utility supports operating systems that may not be supported by the server. For operating systems supported by the server, see the HP website (<http://www.hp.com/support>).

- Integrates with other software maintenance, deployment, and operating system tools
- Automatically checks for hardware, firmware, and operating system dependencies, and installs only the correct ROM upgrades required by each target server

To download the tool and for more information, see the HP website (<http://www.hp.com/support>).

Subscriber's choice

HP's Subscriber's Choice is a customizable subscription sign-up service that customers use to receive personalized email product tips, feature articles, driver and support alerts, or other notifications.

To create a profile and select notifications, refer to the HP website (<http://www.hp.com/go/subscriberschoice>).

Change control and proactive notification

HP offers Change Control and Proactive Notification to notify customers 30 to 60 days in advance of upcoming hardware and software changes on HP commercial products.

For more information, refer to the HP website (<http://www.hp.com/go/pcn>).

Care Pack

HP Care Pack Services offer upgraded service levels to extend and expand standard product warranty with easy-to-buy, easy-to-use support packages that help you make the most of your server investments. Refer to the Care Pack website (http://www.hp.com/hps/carepack/servers/cp_proliant.html).

Okidata Service Centers

United States

Okidata
Tel: 1-800-866-4948
Fax: 1-609-222-5247

Canada

Okidata
Tel: 905-238-4265
Fax: 905-238-4427

Argentina

Free Distribuidores Mayoristas
Tel:
Buenos Aires: (012) 300 0052
Cordoba: (051) 61-4069
Rosario: (041) 49-4490
Fax: 84-41 250250

Chile

Teknos Comunicaciones
Tel: 56(2) 555 5530
Fax: 56 (2) 440-2390

Colombia

Tecolas, S.A.
Tel: 571-214-5300
Fax: 571-236-2914

Venezuela

MAI de Venezuela S.A.
Tel: 782-78-11
Fax: (02) 781-9390

Brazil

Oki Data do Brasil, Ltda
Tel: (5511) 5589-1518
(5511)-5584-0267

NYTEK

Rua Po. Francisco Lebrunza, Sao Paulo
Tel: (011) 819-0211
Fax: (011) 819-3496

NYTEK

Rua Paraguassuerna
Sao Paulo
Tel: (011) 7924-0796, 7, 8
Fax: (011)-493-3234

Mexico

Oki Data de Mexico, S.A. de C.V.
Tel: (525) 661-6860
Fax: (525) 661-5861

C-SERCOMP

Tel: 915-581-2166
Fax: 915-559-32-67

COMPU SUPPORT

Tel: 915-559-30-22
Fax: 915-559-32-67

ROM Mayores Mexico S.A. de C.V.
Tel/Fax: 525-682-5407

System Unit

Table 5-1: System Unit Specifications

Dimensions	
Height	42.0 cm (16.5 in)
Width	19.1 cm (7.5 in)
Depth	51.5 mm (20.25 in)
Approximate weight	16.16 kg (40 lb) weight approximate, depending upon options
International input requirements (per power supply)	
Rated input voltage	200 VAC to 240 VAC
Rated input frequency	47 Hz to 60 Hz
Rated input current	<6 A RMS at 90 VAC with maximum load
U.S. input requirements	
Rated input voltage	100 VAC to 127 VAC
Rated input frequency	47 Hz to 60 Hz
Rated input current	<6 A RMS at 90 VAC with maximum load
Power supply output power	
Rated steady state power	300 W
Maximum peak power	400 W
Btus for tower model	1,560 Btu/hr
Temperature range*	
Operating	10°C to 35°C (50°F to 93°F)
Nonoperating	-40°C to 66°C (-40°F to 150°F)
Relative humidity (noncondensing)	
Operating	20% to 60%
Nonoperating	5% to 90%
Acoustic noise	
Idle (hard drives spinning)	5.3 NPEL (Bels)/45 AVERAGE SPL (dba)
Operating (random seeks to hard drives)	5.3 NPEL (Bels)/45 AVERAGE SPL (dba)
* All temperature ratings are shown for sea level. There is an altitude derating of 1°C per 300 m to 3,000 m (1.6°F per 1,000 ft to 10,000 ft).	

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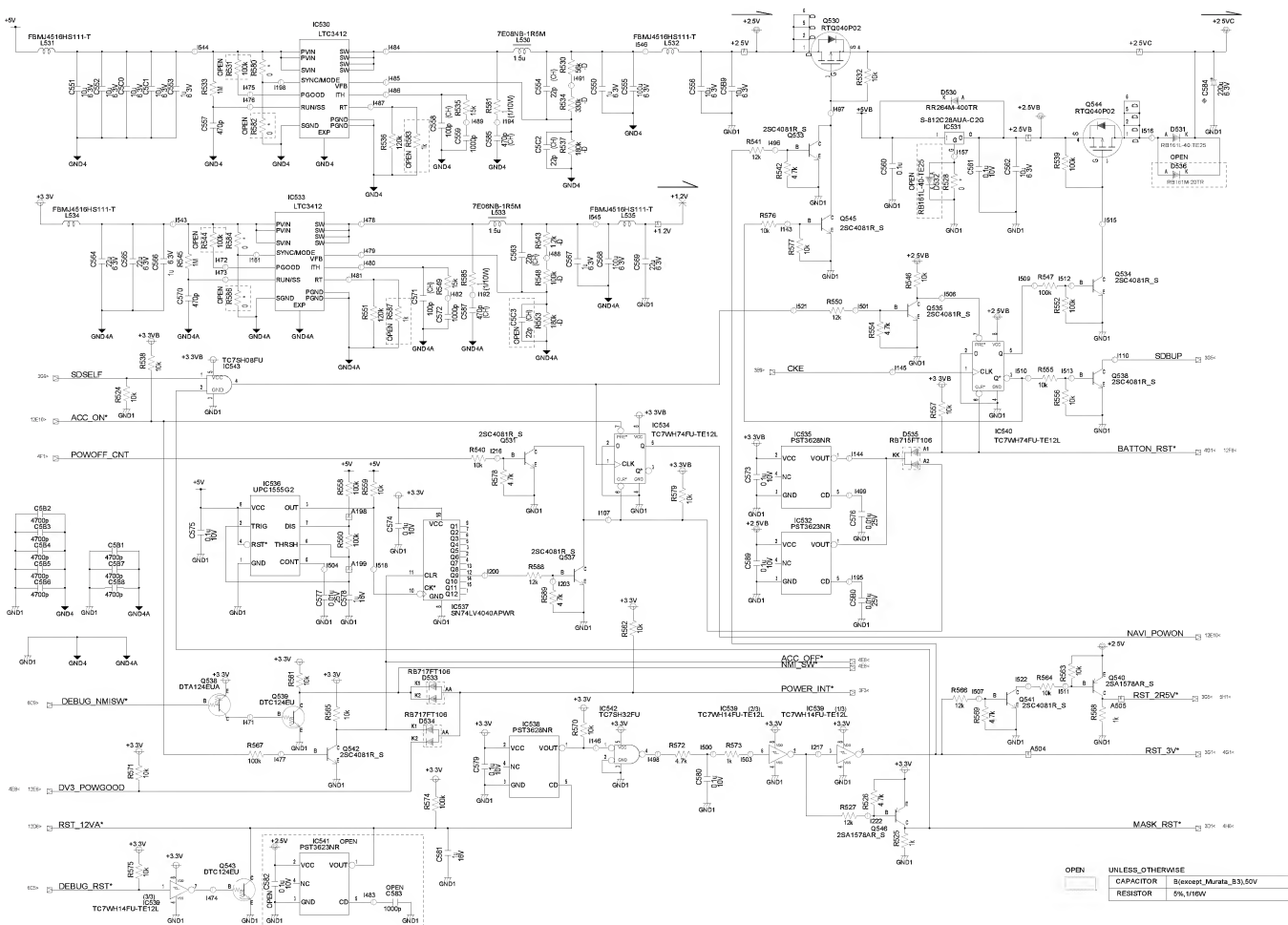
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SCHEMATIC DIAGRAM DIGITAL Reset & DC/DC Converter (2.5V,1.2V) MODEL : NR-261UM-07LAN4,-07-5WS



Grounding Methods

There are several methods for grounding. Use one or more of the following methods when handling or installing electrostatic-sensitive parts:

- Use a wrist strap connected by a ground cord to a grounded workstation or computer chassis. Wrist straps are flexible straps with a minimum of 1 megohm $\pm$ 10 percent resistance in the ground cords. To provide proper grounding, wear the strap snug against the skin.
- Use heel straps, toe straps, or boot straps at standing workstations. Wear the straps on both feet when standing on conductive floors or dissipating floor mats.
- Use conductive field service tools.
- Use a portable field service kit with a folding static-dissipating work mat.

If you do not have any of the suggested equipment for proper grounding, have a Compaq authorized reseller install the part.

NOTE: For more information on static electricity, or assistance with product installation, contact your Compaq authorized reseller.

Selection of Southern or Northern Hemisphere within the INTRAC is automatic based on a positive or negative input for Latitude in System Setup - Station Co-ordinates.

TRACKING SIGNAL INPUT

The tracking signal may be provided as a dc voltage from an external receiver or from the optional IBR-L internal receiver.

With IBR-L

The IBR-L requires a L-band beacon signal at a level within the range -80dBm to -45dBm with a carrier to noise ratio (C/No) of better than 40dBHz. To allow some margin for exceptional propagation conditions we suggest that the normal clear sky level when peaked on the satellite should be in the range -70dBm to -50dBm. Severe signal fades will be handled by the INTRAC algorithm entering Prediction mode for the duration of the fade.

If the signal is greater than -50dBm attenuation must be inserted and if it is lower than -80dBm a higher gain LNA/LNB must be used.

An input level of -45dBm corresponds to a displayed level of +25dB.

Note

In some installations the LNA/LNB power is carried on the L-band signal cable and special arrangements have to be made to ensure continuity for the dc power when attenuation is added in this cable.

Without IBR-L

The tracking signal, provided from an external receiver, needs to be a dc voltage between -10v and +10v. This voltage should vary proportionally (in dBs) with the received signal strength.

The INTRAC can be adjusted for a fixed offset and a proportionality constant between 0.1v/dB and 1.0v/dB in either polarity.

Setting offset & gain

Connect a switchable attenuator in the IF feed to the tracking (beacon) receiver.

Connect the dc tracking signal to the INTRAC Signal Strength Input BNC.

Remove the top cover to the INTRAC-305.

Link J31 and potentiometers R12 & R55 are used in the set-up.

Link J31 can be changed for -ve or +ve polarity signals.

R12 adjusts the gain of the tracking signal buffer.

R55 adjusts the offset.

Set the switchable attenuator to 0 dB.

Adjust R55 so that the signal level displayed on the INTRAC-305 is between -10dB and +20dB.

Adjust R12 so that 2dB attenuation of the receiver IF signal causes the displayed signal to decrease by 2.0dB.

SCSI Hard Drive Test Error Codes

The 6500 series of Diagnostic error codes identifies failures with SCSI hard drives, SCSI hard drive controller boards, SCSI hard drive cabling, and system board functions. If your system uses a drive array controller, see the section for Drive Array Advanced Diagnostics (DAAD).

Table 3-16
SCSI Hard Drive Test Error Codes

Error Code	Description	Recommended Action
6500-xx	SCSI Disk ID drive types test failed.	1. Run the System Configuration Utility and verify the drive type.
6502-xx	SCSI Disk Unconditional Format test failed.	
6505-xx	SCSI Disk Read Test Failed.	2. Replace the SCSI disk drive signal and power cables and retest.
6506-xx	SCSI Disk SA/Media test failed.	
6509-xx	SCSI Disk Erase tape test failed.	3. Replace the SCSI controller and retest.
6523-xx	SCSI Disk Random Read test failed.	
6528-xx	Media load/unload test failed.	4. Replace the SCSI disk drive and retest.
		5. Replace the system board and retest.

SCSI/IDE CD-ROM Drive Test Error Codes

The 6600 series of Diagnostic error codes identifies failures with the CD-ROM cabling, CD-ROM drives, adapter boards, or the system board assembly.

Table 3-17
SCSI/IDE CD-ROM Drive Test Error Codes

Error Code	Description	Recommended Action
6600-xx	CD-ROM ID failed.	1. Replace the CD-ROM media and retest.
6605-xx	CD-ROM Read failed.	2. Check and/or replace the signal cable and retest.
		3. Check the switch settings on the adapter board (if applicable).
		4. Replace the SCSI controller (if applicable) and retest.
		5. Replace the CD-ROM drive and retest.
		6. Replace the system board and retest.

hplpcfg

Synopsis

hplpcfg

Description

The hplpcfg utility enables or disables the EFI or BIOS boot setting on Emulex 2 GB or 4 GB Fibre Channel Host Bus Adapters (FC HBA).

Options

Table 5-14 hplpcfg Options

Option	Description
/se <i>filename</i>	Saves the HBA configuration to <i>filename</i> .
/le <i>filename</i>	Loads the HBA configuration from <i>filename</i> .

Format

The configuration file for the EFI boot setting has the following format.

Format	Description
[HBA0]	Section for each HBA
WWID=11223344	Read-only variable
HostAdapterBiosEnable=1	Input or current value when read from HBA
SelectBootEnable=1	Input or current value when read from HBA
BootDeviceWWID=22334455	Input or current value when read from HBA
BootDeviceLUN[0]=1111	Input (default LUN) or current value when read from HBA

The text file can be edited to insert the WWID of the boot volume and the LUN number that the HBA will boot from. The utility discovers the WWID of the HBA and writes the information to the text file. The text file presents the options in human readable format. The utility updates the hardware with the boot volume WWID and boot LUN read from the text file.

Example

```
SSTK-v.2.7# ./hplpcfg /se h.ini
SSTK-v.2.7# cat h.ini
[HBA0]
WWID=10000000c94ab9de
HostAdapterBiosEnable=1
SelectBootEnable=1
BootDeviceWWID=50060e801439c901
BootDeviceLUN[0]=1
```

TX81Z PRESET PERFORMANCE LIST

A GROUP (Guitar & bass voices)

GB	TX81Z	Description
P2 181	FE10 E. Guitar 1	Fat electric guitar. Works well with effects.
P2 182	FE12 E. Guitar 2	Single pickup electric guitar. Good for rhythm backing.
P2 183	FE13 E. Guitar 3	Solidbody electric guitar over pickup sound. Good for rhythm backing.
P2 184	FE14 E. Guitar 4	Solidbody electric guitar over pickup sound. Sharp sound for rhythm backing.
P2 185	FE15 Bass 1	Electric guitar with a "sweet" overdrive effect.
P2 186	FE16 Bass 2	Electric guitar with hard distortion. A powerful solo voice.
P2 187	FE17 E. Guitar 5	Electric guitar with distortion for solos. Try adding more.
P2 188	FE18 Chorus Gt	Electric guitar with chorus effect.
P2 189	FE19 A. Guitar 1	Steel-string folk guitar. Best for powerful strumming.
P2 190	FE20 A. Guitar 2	12-string (twelve) folk guitar.
P2 191	FE21 A. Guitar 3	Mand folk guitar with a short decay.
P2 192	FE22 A. Guitar 4	Twelve-string electric guitar.
P2 193	FE23 A. Guitar 5	Twelve-string electric guitar with soft attack and twice tone.
P2 194	FE24 A. Guitar 6	Twelve-string played gently with the Sustain.
P2 195	FE25 A. Guitar 7	Acoustic guitar.
P2 196	FE26 A. Guitar 8	A semi-body nylon-string guitar.
P2 197	FE27 Ryt. Guitar 1	Acoustic guitar with a decay effect. Adding reverb produces a range of textures.
P2 198	FE28 Ryt. Guitar 2	Acoustic guitar.
P2 199	FE29 Ryt. Guitar 3	Fat, analog synthesizer type solo voice with an interesting "on and off".
P2 200	FE30 Ryt. Guitar 4	Acoustic synthesizer type solo voice with an interesting "on and off".
P2 201	FE31 Ryt. Bass 1	DX11-type synthesizer bass. The 1st and 2nd strings do not sound.
P2 202	FE32 Ryt. Bass 2	Synthesizer bass with a hard attack. The 1st and 2nd strings do not sound.
P2 203	FE33 Ryt. Bass 3	Acoustic synthesizer type bass sound. The 1st and 2nd strings do not sound.
P2 204	FE34 Feedback	Feedback electric bass. The 1st and 2nd strings do not sound.

B GROUP (Synthesizer, wind and non-guitar strings)

GB	TX81Z	Description
P3 301	FE35 Ryt. Lead 1	A brass type solo synthesizer voice.
P3 302	FE36 Ryt. Lead 2	A woodwind type solo synthesizer voice.
P3 303	FE37 Ryt. Lead 3	A metallic voice reminiscent of soft bells.
P3 304	FE38 Ryt. Lead 4	A guitar type solo synthesizer voice.
P3 305	FE39 Ryt. Lead 5	An electric synthesizer type solo voice.
P3 306	FE40 Ryt. Lead 6	A "rough" synthesizer solo voice with distortion.
P3 307	FE41 Ryt. Lead 7	A thick "bass" synthesizer solo voice.
P3 308	FE42 Sax Section	Ideal for simulating the sound of a saxophone section.
P3 309	FE43 Brass	A multi brass voice. Good for chords and solo lines.
P3 310	FE44 Trumpet	Clear, bright trumpet.
P3 311	FE45 Flute	Flute. Appropriately rich in a midrange.
P3 312	FE46 Clar. 1	A "standard" clarinet voice for solo lines or chords.
P3 313	FE47 Clar. 2	Softer clarinet. Make good use of the low tones.
P3 314	FE48 Vib.	Vibraphone. Also used with the POLY mode to add some low notes to the attack.
P3 315	FE49 E. Organ	Acoustic electric organ.
P3 316	FE50 Accordion	Acoustic. Works well with guitar chords.
P3 317	FE51 E. Piano	A digital synthesizer type electric piano. Good for chord backing.
P3 318	FE52 Harp	Soft harp sound to other phrases.
P3 319	FE53 Koto	A solo voice that works well with guitar playing techniques.
P3 320	FE54 E. Viola	Electric violin. Perfect for country style phrases.
P3 321	FE55 Harp	Electric harp.
P3 322	FE56 Ryt. Vln	A simulation of human voice. Try adding external effects.
P3 323	FE57 Harmonica	Bright harmonica. Ideal for solo lines.
P3 324	FE58 Strings	A full synthesizer strings sound. Good for 1 or 4 note chords.

Creating Zone Sets

To create a Zone Set:

1. Select the Zoning icon.

The Zoning Configuration screen is displayed. Figure 3-34 is an illustration of the Zoning Configuration screen.

IMPORTANT: To create or edit Zone Sets, Zones, and Zone Members, the **Local Zones** view must be displayed. To change the view in the Zoning Configuration screen, expand the Zoning View drop-down box near the top-center of the screen.

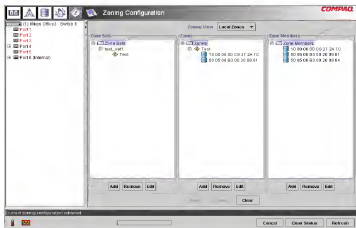


Figure 3-34: Zoning Configuration screen, Local Zones view

Selecting the Appropriate RAID Level

Many factors will affect the RAID levels you select for your cluster database. These include the specific availability, performance, reliability, and recovery capabilities required from the database. Each cluster must be evaluated individually by qualified personnel.

The following general guidelines apply to RAID selection for a PDC/O5000 cluster using Oracle8i Parallel Server:

- Oracle recommends that some form of disk fault tolerance be implemented in the cluster.
- In order to ease the difficulty of managing dynamic space allocation in an OPS raw volume environment, Oracle recommends the creation of "spare" raw volumes that can be used to dynamically extend tablespaces when the existing datafiles approach capacity. The number of these spare raw volumes should represent from 10 to 30 percent of the total database size. To allow for effective load balancing, the spares should be spread across a number of disks and controllers. The database administrator should decide, on a case by case basis, which spare volume to use based on which volume would have the least impact on scalability (for both speedup and scaleup).

The following questions are possible situations that may arise during the use of your computer and each is followed by easy answers and solutions to the situation.

Q: I pressed on the power switch but the system did not boot up.

A: Check the LED located at the center of the power switch.

If the LED is not lit, no power is being applied to the system. Do any of the following:

- Check if you plugged the power cable properly into an electrical outlet.
- If you are using a power strip or AVR, make sure that it is plugged in and turned on.

If the LED is lit, check the following:

- Is a nonbootable (nonsystem) diskette in the floppy drive? If yes, remove or replace it with a system diskette and press **Ctrl + Alt + Del** to restart your computer.
- The operating system files may be damaged or missing. Insert the startup disk you created during Windows setup into the floppy disk drive and press **Ctrl + Alt + Del** to restart your computer. This will automatically diagnose your system and make necessary fixes.

Q: Nothing appears on the screen.

A: Your computer's power management function automatically blanks the screen to save power. Press any key to turn the display back on.

If pressing a key does not work, you can restart your computer. If restarting your computer does not work, contact your dealer or the technical support center for support.

Q: The printer does not work.

A: Do the following:

- Make sure that the printer is connected to a power outlet and that it is turned on.
- Make sure that the printer cable is connected securely to the system's parallel port and the corresponding port on the printer. See "Printer" on page 37 for information on how to connect the printer to your computer.

		KR.08M0H.001	8.5*8.5*4.26_800W
Speaker			
		23.HPUHC.001	16*09*3.3mm
Receiver			
		60.HU6HC.002	06*12*2.3mm
Volume Key FPC			
		60.HU6HC.003	/
LINK FPC			
		50.HU6HC.001	CONNECT MB & SB
RF Cable			
		50.HU6HC.002	86.3mm
Rubber for headset			
		47.HU6HC.001	/
Rubber for USB port			

ROMPaq

Using flash ROM in Compaq servers allows the firmware (BIOS) to be upgraded with system or option ROMPaq utilities. To upgrade the BIOS, insert a ROMPaq diskette into the diskette drive, remove power from the system, and then power up the system again.

NOTE: See "SmartStart Diskette Builder" later in this chapter for instructions on creating a ROMPaq diskette.

The ROMPaq utility then checks the system and provides a choice (if more than one exists) of ROM revisions to which the system can be upgraded. This procedure is the same for both system and option ROMPaq utilities.



CAUTION: Do not power down during a firmware upgrade. A loss of power during upgrade may corrupt the firmware and prevent the system from starting.

SmartStart Software

The SmartStart for Servers CD is used to load the system software, thereby achieving a well-integrated server and ensuring maximum dependability and supportability. The SmartStart CD contains diagnostic utilities and ROMPaq tools.

To install the SmartStart CD, press the **F9** key to run RBSU and configure the primary operating system. Next, follow these steps:

1. Locate the SmartStart CD in the Server Setup and Management pack.
2. After you power up the server, press the CD-ROM drive eject button.
3. Insert the SmartStart CD into the CD-ROM drive with the labeled side up. Handle the CD by its edges, not by the flat surfaces of the disc.
4. When the busy indicator turns green, the SmartStart sequence begins.

Refer to the SmartStart documentation included with your server to install the operating system, create updated driver diskettes, and run upgrade utilities.

5. Locate Cache Accelerator slots ❶ and ❷. They are between the two banks of processors.

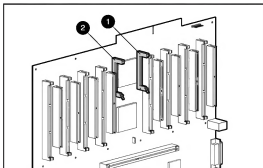


Figure 4-16. Locating the Cache Accelerator sockets

6. Align the key slot on the top edge of each Cache Accelerator with the tab in the Cache Accelerator slot.